Port Fourchon
Hurricane Readiness Meeting
2019
NOAA Coast Survey Navigation Response is Initiated at the Notice of a Severe Storm or Hurricane in the Gulf or the Atlantic

Regional Nav Managers and Navigation Response Survey Teams are Focused to the Storm Event

The Timing, Track and Severity of the Storm is very Key to the Level of Response, the Positioning of Nav Managers and the NRT Teams

Severity and Access to the Impacted Ports and Waterways is a Significant Issue in Response
Differing Storms- Even the Same Storm (Harvey) Can Pose Different Challenges and Impacts to Ports and Waterways

In 2017, Hurricane Harvey made Landfall in the Corpus and Port Aransas Area. Heavy Wind Damage and Surge and Wave Action was Seen across the Port and Waterways

Hurricane Harvey Then Created a Large Flood Event in the Port Houston and Galveston Area, with Little Wind and Surge Impacts
For Navigation Response - Coast Survey and Other First Responders Needs to Monitor and React to Many Storm/Hurricane Impacts
Access to Port Areas Can Be Challenging with Large Amounts of Wind Damage and Debris
Key Elements- Immediate Action/Response In Place for 24-36 Hour Window for Hurricane Approach and Landfall- Coast Survey Navigation Managers Will Look At Assembling USCG Incident Command Centers-

- 72 Hours- Hurricane Michael went from a Tropical Storm to the 3rd Most Intense Storm to Hit the Northern Gulf Coast- ICC was stood up at USCG Sector Mobile and Nav Manager Was Stationed with the ICC and MTSRU

- Hurricane Harvey was also similar- rapid (very) intensification of a storm that had appeared to have died in entering the Gulf- Nav Managers Were Stationed at Both USCG ICC Houston and USCG ICC Corpus
Rapid Assembly Into a Command Center and Standing Up of a MTSRU

The Use of the MTSRU and the CART Reporting System is Critical in Responding to Reopen a Port and Waterway System Impacted by a Hurricane
Centrality of Reporting and Common Understanding of Response Work

Deployment of Navigation Response Teams Under The Coordination of the USCG and other Federal Responders is Very Important- Which is the Role of the MTSRU
Putting NOAA Coast Survey Response Teams Onto a Survey Program- Reporting back to the MTSRU and Other Partners- is Key in the Most Efficient and Effective Use of the Survey Teams. Finding Hazards in and out of the Navigation Channels, Surveying Port Areas, and Investigating Areas of Lost Ranges, Anchors, Barge Fuel Slips...All were seen in the Hurricane Michael Response
Use of Post Hurricane Imagery for Response Efforts and Assessment of Priorities
Off Ramps and Standing Up Post Incident Activities

The Reopening of Waterways and Ports and the Start of Transits for Deep Draft and the Tug and Tow Industry and the Recovery of Aids to Navigation are Key Objectives to Reach. As this Occurs Navigation Response Work starts to Ramp Down and Looks to Depart the Area- After USCG Clearance and Approval
In Summary

• Understand the Need for Reacting in a 24-36 Hour Time Window
• Understand that Large Areas Could be Severely Damaged/Destroyed
• Deployment to ICC’s and MTSRUS is a Key First Step
• Assessment and Implementation of a Response Effort will be Coordinated and Overseen with USCG and other Responders
• Port and Navigation Interest Input and Key
Davie Breaux
Greater Lafourche Port Commission
Ready Today, Ready for Tomorrow

The location of Port Fourchon means we are in close proximity to the energy infrastructure in the Gulf of Mexico, but that same location also subjects the port to tropical storms and hurricanes. We have to be ready.
2019 Storm Season Forecast

- Annual forecasts are predicting an **average** Atlantic hurricane season in 2019.

- An average hurricane season produces:
  - **12** total named storms
  - **6** of them hurricanes
  - **3** of them major

- NOAA’s Climate Prediction Center forecasts a **near-normal** storm season in 2019, with:
  - **9-15** named storms (wind speeds 39+ mph)
  - **4-8** could strengthen to hurricane force (74+ mph)
  - **2-4** could develop into major hurricanes (111+ mph)
It is the goal of the Port Commission to address each storm in a manner that strives for the continued safe operation of port and airport facilities while ensuring public safety.
Hurricane Season Preparedness

During hurricane season (June 1-November 30), the Port Commission follows established protocols to prepare and respond to potential storm events, including:

- Updating contact information
- Meeting by department to discuss responsibilities
- Preparing GLPC facilities and equipment to minimize potential storm damage
- Maintaining contact with state and local government officials, Office of Emergency Preparedness, National Weather Service, NOAA, etc.
- Providing up-to-date storm information to port and airport tenants, businesses, and the public
Recommended Storm Preparations For Facilities Located In Port Fourchon

- **PLAN:** Take precautionary measures to reduce the potential for loss of life, injury, or property damage from a storm.

- **UPDATE & COMMUNICATE:** It is important to make sure the Port Commission has your current contact information, and vice versa, so that we can stay in touch regarding storm events.

- **KEEP YOURSELF INFORMED:** We send out updates via email, text, and social media, and we have a Weather & Storm Info page on our website at [www.portfourchon.com](http://www.portfourchon.com) with lots of storm-related information and resources.
GLPC Storm Phases

Official evacuation orders come from the parish president, but the Port Commission closely monitors Gulf weather activity that may affect Port Fourchon and the South Lafourche Airport. GLPC reports on approaching storms using these storm phases:

- Seasonal Alert
- Phase I - Storm Watch
- Phase II - Voluntary Evacuation
- Phase III - Recommended Evacuation
- Phase IV - Mandatory Evacuation
- Phase V - Storm in Port
- Recovery Phase
Seasonal Alert

This alert indicates the beginning of hurricane season, which lasts from June 1 through November 30 of each year.

- This seasonal alert serves as a reminder that as storm season begins, it is time to review your facility's plan for storm season and share any updates to your contact information with GLPC.

- There is no specific storm or weather condition that is associated with this phase.
Phase 1: Storm Watch

This phase indicates that GLPC is monitoring a weather condition in the Gulf that is expected to affect the Gulf Coast. Port personnel will begin sending weather updates to port facilities.

- When you see a Phase 1 alert, there is a new weather condition developing, and we are watching it for potential effects to the port area.
- Review your facility’s hurricane plan.
- Be thoughtful of stock piling any loose material or excess items that could fly or be damaged if Port Fourchon is affected by a storm.
- Make sure the Port Commission has your facility’s updated contact info so that you can receive timely storm-related information.
- At Phase 1, the Emergency Storm Harbor Marina just inside the South Lafourche Levee System at the Golden Meadow floodgates will be activated for use by commercial fishing vessels seeking refuge from an approaching storm on a first come, first served basis.
Phase 2: Voluntary Evacuation

This phase indicates that tropical force winds are expected to be in Port Fourchon within 72 hours.

- Begin securing, fastening down, or moving equipment out of port.
- Determine special needs and intentions of vessels moored at your facility.
- Update your contact information and possible evacuation locations.

NOTE: Evacuation times may vary dependent upon storm conditions, i.e. projected path, storm strength and forward speed, pre-storm weather and road conditions.
Phase 3: Recommended Evacuation

This phase indicates that tropical force winds are expected to be in Port Fourchon within 50 hours.

- Non-essential personnel should evacuate port.
- Secure hazards and clear nonessential equipment from facility grounds such as pallets, lumber, stone, etc.
- All small craft owned by the facility that can be hauled out or trailered should be removed from the water and secured well away from the effects of possible storm surge and high winds.
- Prepare office areas to minimize water intrusion damage.
- Secure your buildings to prevent storm damage by applying storm shutters or plywood over windows or doors.
- Secure fuel tanks and storage areas.
- Check regularly for up-to-date info from the Port Commission on the approaching storm.
- Note: No NEW mooring dolphin rentals will be accepted once Phase 3 is activated. All unleased mooring dolphins will be considered first come, first served until the storm has passed.
Phase 4: Mandatory Evacuation

This phase indicates that tropical force winds are expected to be in Port Fourchon within 36 hours.

- All remaining personnel should evacuate port.

- Shut off your facility’s utilities (water, power, gas) to minimize damage.

- Check regularly for up-to-date info from the Port Commission on the approaching storm.

- **NOTE:** Twelve hours after mandatory evacuation has been ordered, LA 1 will be closed to all vehicles south of the Leon Theriot Lock in Golden Meadow.
LA 1 Closure at Golden Meadow Lock

POLICE CHECK POINT AHEAD AUTHORIZED VEHICLES ONLY
Checkpoint at Leon Theriot Lock in Golden Meadow
Port Fourchon Harbor Police: Last Ones Out, First Ones In
Phase 5: Storm in Port

*This phase indicates that tropical force winds are expected to be in Port Fourchon within 24 hours.*

- Check regularly for updates from the Port Commission via email or social media.
- You can also visit the port’s *Weather and Storm Info* page at [www.portfourchon.com](http://www.portfourchon.com) to get up-to-date information on storms.

![Storm waters below Leon Theriot Lock in Golden Meadow](image)
Recovery Phase

This phase indicates that the storm has passed and port personnel are entering the area, assessing the damages to highways and facilities, and clearing debris and power lines.

- The purpose of the Recovery Phase is to ensure that Port Fourchon is safe and operational as soon as possible after a storm.

- As soon as safety allows, a port re-entry team will coordinate a damage assessment of all waterways and roadways leading into and out of Port Fourchon.

- Please stay out of the disaster area until you are given clearance. Your presence may hamper or delay recovery efforts. Neither vessels nor aircraft shall enter the port until port damage assessment has been completed and the all clear is given.
GLPC Maintenance & Operations Personnel Clearing Roadways of Storm Debris
NOAA Surveying Port Channels Following a Storm
Recovery Phase

- The Port Commission will notify you when limited or full access is given to tenants to return and assess any damages to their facilities.

- Check email, text messages, port website, or social media to get up-to-date information from the Port Commission on post-storm recovery and re-entry.
Post-Storm Re-Entry

- Expect roadblocks on roadways leading to the port, including LA 1 & LA 3235.

- No one will be allowed through a checkpoint until the road is safe and has been cleared for re-entry.

- GLPC communications will be updated with the port’s post-storm status, and regular updates will be posted on our social media platforms and the Weather & Storm Info page at [www.portfourchon.com](http://www.portfourchon.com) along with relevant storm-related info and resources.

- When it is safe to re-enter, you will be notified.

- You will be expected to show identification upon re-entry. Bring all of your ID cards, especially TWIC, and parish re-entry credentials.
Checkpoint on Hwy. 3090 at GLPC Operations Center

POLICE CHECK POINT AHEAD
AUTHORIZED VEHICLES ONLY
Checkpoint on LA 1 South toward Grand Isle
Vessel Staffing: GLPC Ordinance No. 71

ORDINANCE NO. 71

AN ORDINANCE PROHIBITING UNATTENDED VESSELS MOORED IN THE PORT AREA WHEN HURRICANE FORCE WINDS ARE EXPECTED IN THE PORT AREA WITHIN TWENTY-FOUR (24) HOURS.
Ordinance No. 71 - Terms

SECTION 1. The terms below shall be defined as follows:

a. Unattended – not occupied by sufficiently skilled, experienced marine personnel capable of stabilizing and controlling the Vessel in seas subject to Hurricane Force Winds

b. Hurricane Force Winds – sustained winds or frequent gusts equal to or greater than 74 miles per hour

c. Port Fourchon - that area commonly referenced as Port Fourchon inclusive of and bounded by Flotation Canal to the North, Port Fourchon Marina to the Northeast, by Louisiana Highway 3090 to the East, by the Gulf of Mexico to the South and Bayou Lafourche to the West

d. Port Pilings – those mooring pilings owned by the Greater Lafourche Port Commission and situated to the East of the Bayou Lafourche channel in the North and South vicinity of the Leon Theriot South Floodgates.

e. Vessel – any steamship, steamboat, tug, towboat, water craft, ship, boat or barge of any kind or description, whether foreign or domestic, regardless of whether same is self- propelled by a motor or engine
Ordinance No. 71 - Rules

SECTION 2. When Hurricane Force Winds are expected to occur at Port Fourchon within twenty-four (24) hours, no person shall

a. allow a Vessel, which is self-propelled by a motor or engine and of which s/he is either an owner or captain, to remain Unattended in Port Fourchon or moored to Port Pilings.

b. allow a Vessel which is not self-propelled by a motor or engine and of which s/he is an owner, to remain in Port Fourchon or moored to Port Pilings without being under the control of a Vessel(s), which is self-propelled by a motor or engine and which is occupied by sufficiently skilled, experienced marine personnel capable of stabilizing and controlling all such Vessel(s) in seas subject to Hurricane Force Winds.

SECTION 3. The Director of Security, upon coordination with the Executive Director, of the Greater Lafourche Port Commission is authorized to designate the time at which Hurricane Force Winds are expected to occur at Port Fourchon based on prevailing weather conditions and tropical forecasts.

SECTION 4. Any person violating any provision of this ordinance shall, upon conviction, be fined not more than Five Hundred Dollars ($500.00) or imprisoned for not more than six (6) months in jail, or both, in the discretion of the court having jurisdiction.
Questions?

Greater Lafourche Port Commission

www.portfourchon.com
Eric Benoit
Lafourche Parish Office of Emergency Preparedness
LAFOURCHE PARISH GOVERNMENT
RE-ENTRY PROGRAM UPDATES
NEEDS TO BE UPDATED EACH YEAR

Welcome to Parish Reentry

Tasks:

Your company is currently under suspension status pending on renewal. Please review all of your information and check the box to confirm all information is correct and up to date.

I have reviewed all of my information and everything is correct

All Information is Correct

View Company
View Entrants
View Your Information
Logout

You are currently logged in as ebencit

©2015 Designed By Global Data Systems
Online Help Documentation
COLOR CHANGE ON TIERS

Tier ER: Orange
Tier 1: Yellow
Tier 2: Purple
Tier 3: Brown
CONTACT INFO

• ERIC BENOIT
  • ericb@lafourchegov.org
  • 985-532-8174
  • www.parishreentry.com/lafourche
Tenant Communications

We need information from you, our tenants, in order to keep the lines of communication open and contact information up to date:

- Emergency Notification/FSO Contact Info
- Cybersecurity Contact Info
- Directory Listing Contact Info
- Public Information Update Subscriptions
Emergency Notification/FSO Contact Info Form

- This form is used to identify your facility’s **Facility Security Officer (FSO)**, who is the person responsible for securing your facility.

- The FSO will be the first to receive facility-specific safety, security, and recovery updates from the Port Commission.

- Please use this form to update your FSO’s name and most current contact information.

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Company Name: ________________________________

FSO (Facility Security Officer)

Name: ________________________________

Title: ________________________________

Email Address: ________________________________

Facility Physical Address: ________________________________

Facility Mailing Address: ________________________________

Office Phone #: ________________________________

Fax #: ________________________________

Cell Phone #: ________________________________

Company Website: ________________________________

Does your facility have a security and safety plan? ________ If so, would you be willing to share it? ________

Does your facility have a hurricane/weather plan? ________ If so, would you be willing to share it? ________

*To share security and safety and/or hurricane/weather plans, please email Port Fourchon Harbor Police at harborpolice@portfourchon.com
This form is used to identify your facility’s **Cybersecurity Contact**, who is the person responsible for securing your facility’s cyber data and technology.

The Cybersecurity/ CISO/ IT Contact will be the first to receive facility-specific cybersecurity and data or technology-related updates from the Port Commission.

Please use this form to update your Cybersecurity Contact’s name and most current contact information.
Add or update your facility’s most current directory listing information.

The port directory is where the public looks for information to contact companies and facilities in Port Fourchon and at the South Lafourche Airport, including:

- Physical and mailing addresses
- Phone and fax numbers
- Company website, if desired

*This information is published in our port and airport directories at [www.portfourchon.com](http://www.portfourchon.com) and is publicly accessible online.*

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**Directory Listing Contact Info Form**

Please use this form to update your port or airport facility’s directory listing information, which is published online at [www.portfourchon.com](http://www.portfourchon.com) under CONTACT US, PORT FOURCHON, and SOUTH LAFOURCHE AIRPORT tabs. Our web directory is where the public looks for information on port and airport companies. Send completed forms via email to info@portfourchon.com or via fax to (985) 632-6703.

**PLEASE PRINT**

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<th>Value</th>
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<td><em>DBA Name, if any:</em></td>
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<tr>
<td>PORT FOURCHON FACILITY</td>
<td>☐ SL AIRPORT FACILITY</td>
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<td>Facility Physical Address:</td>
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<td>Facility Mailing Address:</td>
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<td>Company Website:</td>
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<td>If you would like to add your company’s website to its directory listing on <a href="http://www.portfourchon.com">www.portfourchon.com</a>, please check here:</td>
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<td>Facility Contact Person Name:</td>
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<td>Other Important Contact Info:</td>
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**GREAT LAFOURCHE PORT COMMISSION**
Port Fourchon/South Lafourche Airport
“Gulf’s Energy Connection”

**SEAPORT OPERATIONS**
Port Fourchon Operations Center
180 A.D. Ruepelet Road
Port Fourchon, LA 70357
Phone: (985) 396-2766
Fax: (985) 396-2396

**GLPC ADMINISTRATION OFFICE**
Port Fourchon/South Lafourche Airport
16829 East Main Street
Cut Off, LA 70354
Phone: (985) 632-6703
Fax: (985) 632-6703
E-mail: glpc@portfourchon.com
[www.portfourchon.com](http://www.portfourchon.com)

**AIRPORT OPERATIONS**
South Lafourche Airport (GLPO)
Airport Road
Gulfside, LA 70354
FBO Phone: (985) 429-6791
Airport Manager: (985) 632-1118
Public Information Update Signup Form

- Sign up to receive informational email updates and notifications from the Greater Lafourche Port Commission, including:
  - Local Road & Bridge Updates
  - Bayou, Floodgate, & Lock Updates *in conjunction with the South Lafourche Levee District
  - Weather & Storm Season Updates
  - Port Commission Meeting Notices
  - Port Commission Press Releases
  - Seaport & Airport Facilities Notices
- Multiple people in your company can sign up
- You can also subscribe online on our NOTIFY ME page
To keep our tenants informed, the Port Commission has instituted numerous ways for you to get up-to-date storm-related information as it pertains to Port Fourchon.

- **GONE:** RallyPoint Crisis Communication System
  - **GLPC has removed this service from Port Commission emergency communications**

- **GONE:** Public Information Line – 866-600-7803 or 798-5335
  - **Please remove these outdated numbers from your contacts**

- Port Commission Website – [www.portfourchon.com](http://www.portfourchon.com)
  - Find the latest weather and storm-related information on our WEATHER & STORM INFO page

- Email or Text Notifications
  - Sign up for notifications and manage your subscription preferences on our NOTIFY ME webpage

- Social Media
  - Follow us on Facebook, Twitter, or Instagram

- Public Service Announcements
  - Broadcast updates on local radio and/or television stations
Website Feature: NOTIFY ME
Website Feature: SOCIAL MEDIA LINKS

Facebook: @PortFourchon
Instagram: @PortFourchon
Twitter: @FourchonPort
RSS Feed
YouTube Channel
GLPC Email
Thank you for attending the 2019 Hurricane Readiness Meeting!
Operation: Storm Ready

Prepare for the Worst, Hope for the Best.

2019

Entergy | WE POWER LIFE™
Prepare for the Worst, Hope for the Best.

- We think about how to restore power long before a storm threatens.

- We follow a very detailed, rehearsed plan that has worked well for us during storm recovery and helps keep everyone safe.
Estimated Time of Restoration

- Pre-Landfall Estimated Restoration Time
  - Target = Majority of Customers Restored
    - Category 1 – 7 days
    - Category 2 – 10 days
    - Category 3 – 2 weeks
    - Category 4 – 3 weeks
    - Category 5 – beyond 3 weeks
A Proven Plan to Restore Power

- Safety is a core value at Entergy and remains top priority for our workers and customers.
- In the first three days, we assess damage to deploy the right personnel and the right materials.
- Restoration proceeds in an orderly manner – starts at source, works outward.
- We work hard to determine the cause of every outage to safely restore power as quickly as possible.

1. Power plants, the primary sources of power production, are restored.
2. Large transmission lines are repaired and restored, delivering power to cities, towns and major industrial facilities.
3. Substations are brought online, and power is restored to emergency services, life-support facilities, police and communications networks.
4. Power is restored to areas with the largest numbers of customers, including businesses and neighborhoods. Bucket trucks are safe to use when winds fall below 30 mph.
5. Individual services, often the most time-consuming repairs, are restored.
Logistical Support

- When a storm hits, the affected area can’t always accommodate an influx of thousands of restoration workers.
- Hotels, restaurants and fuel for vehicles may not be available.
- Local infrastructure may not be intact.
- To support a large number of workers we set up base camps, known as staging sites.
Customer Preparations

Customers:
- Having a plan beforehand is key.
- Customers should have personal plans for themselves and their families before a storm threatens.
Stay Informed

Entergy app for smartphones:
• Outage information – View Outages.
• Used for everything Entergy.
• Offers something for anyone who likes to stay on top of issues.
Stay Informed

- Entergy Storm Center at entergystormcenter.com is a one-stop shop for storm safety, preparation and restoration information.
- Gives you updates and information about outages in your area.
- Compatible with all mobile devices and tablets.
- Information delivered by phone or text.

New look!
Stay Informed

Entergy Newsroom
• Storm updates.
• Features and latest news.
• Latest social media messages and blogs.

New look!
View Outages

- Click the map to find the status of restoration in your area.
- Designed to deliver information.
- Alert boxes that provide restoration information for counties/parishes and specific neighborhoods.
- Push Pin feature to check specific street addresses.

New look!
View Outages

1. Finding your specific address is easier than ever. The field where you enter your ZIP code or address is now located prominently on the map itself for ease of use.
2. Red and green lines continue to show power status on your street. However, the line that marks Entergy's service area is now black for better visibility.
3. We've added new icons for outages based on the number of customers impacted. This change should reduce confusion and make information clearer for those who have trouble distinguishing between colors on a digital screen. You can click on any of these icons for outage details.
View Outages

When outages are present, a number near the star icon will indicate the number of separate outages in the area. Just click on the icon for a "zoom in" option that provides more detailed information.
View Outages

4. Icons at the top of the menu can be used for quick navigation. You can easily switch from location view to area view, overlay weather information, search for locations by county or state, or access stored "favorite" views.
5. Users no longer have to navigate to the "summary" tab to view outages by county/parish or state. This information is available at the bottom of the main menu.
6. To close the menu for a fuller view of the outage map itself, just click the return arrow at the top right of the menu box. You can click on the menu icon when you're ready to display/access the main menu again.
Social Media

- Entergy is on social media.
- Follow us on Twitter.
- Find us on Facebook.
- Entergy’s YouTube channels.
- Entergy's Flickr photostreams.
After the storm, stay safe and STAY AWAY.
- The most dangerous part of a storm is often just after it has passed.
- Do not become careless after a storm and let your “safety guard” down.
- Call 1-800-ENTERGY to report downed lines.
- If a gas leak is suspected, leave the area immediately and call 1-800-ENTERGY or 911.
Operation: Storm Ready

Entergy Storm Center at entergy.stormcenter.com.

- Download the booklet.
- Prepare for severe weather like hurricanes, tornadoes and ice storms.
- Safety information.
Operation: Storm Ready

Questions?