

LWIN

LOUISIANA WIRELESS
INFORMATION NETWORK

SYSTEM MANAGEMENT & MAINTENANCE UPDATE

OCTOBER 27, 2021

DEPT. OF PUBLIC SAFETY-STATE POLICE
RADIO COMMUNICATIONS

(225) 925-6036

INFRASTRUCTURE UPDATE



SYSTEM SUMMARY

- **144 Tower Sites in Full Operation**
- **6 Operational Mobile Sites**

Zone 1:

42 Sites in Full Operation

- Pan Am
- Bridge City
- Livonia
- Laplace
- St. Tammany
- Simulcast
 - Lacombe
 - Abita Springs
 - Waldheim
 - Pearl River
 - Covington
 - Slidell
 - Talisheek
 - Blond
- Sheridan
- Geismar
- St. James
- Larose
- Gibson
- BR Simulcast
 - BR
 - Central
 - LSU
 - WBR
- Hammond
- Gray
- Berwick
- Baywood
- Ramah
- Sage Hill
- Parker Road
- Iberville
- Livingston
- Jackson
- Greensburg
- Superdome
- South Baton Rouge
- Baldwin
- Pointe Coupee
- Theriot
- Paincourtville
- Boothville
- Mobile Units
 - 94
 - 96
 - 97
 - 98
 - 99
 - 100
- Denham Springs
- Clinton
- St. George

Zone 2:

17 Sites in Full Operation

- **N. Simulcast**
- **Gretna**
- **Galleria**
- **NO East**
- **Lafitte**
- **Bayou Gauche**
- **Hahnville**
- **St. Rosalie**
- **Kenner**
- **Airport**
- **Port Fourchon**
- **Reggio**
- **Montegut**
- **Houma**
- **Bourg**
- **Buras**
- **Wilmer**
- **Grand Isle**

ZONE 3:

53 SITES IN FULL OPERATION

- **Clearwater**
- **Monroe**
- **Winnfield**
- **Delhi**
- **Chopin**
- **Dry Prong**
- **Hagewood**
- **Bossier(City)**
- **Farmerville**
- **Minden**
- **Natchitoches**
- **Bastrop**
- **Greenwood**
- **Ruston**
- **Hineston**
- **Ashland**
- **Vivian**
- **Newellton**
- **Noble**
- **Transylvania**
- **Alexandria**
- **Avoyelles**
- **Bellevue**
- **Bernice**
- **Calhoun**
- **Columbia**
- **Ferriday**
- **Homer**
- **Jena**
- **Jonesboro**
- **Mansfield**
- **Many**
- **Marion**
- **Oak Grove**
- **Plain Dealing**
- **Ringgold**
- **Sentell**
- **Tallulah**
- **Wheeling**
- **Shreveport**
- **West Monroe**
- **Chase**
- **Keachi**
- **Coushatta**
- **Shongaloo**
- **Sibley**
- **Vick**
- **Calvin**
- **Arcadia**
- **Enterprise**
- **Holloway**
- **Chatham**
- **Cypress**

ZONE 4:

32 SITES IN FULL OPERATION

- **Abbeville**
- **Acadia**
- **Arsene LeBleu**
- **DeQuincy**
- **Dry Creek**
- **Jeanerette**
- **Jennings**
- **Johnson Bayou**
- **Lafayette**
- **Lake Charles**
- **Leesville**
- **Merryville**
- **Opelousas**
- **Parks**
- **Rockefeller**
- **Rosepine**
- **Scott**
- **Sulphur**
- **Vermillion**
- **Ville Platte**
- **Vinton**
- **Craven**
- **Hicks**
- **Hornbeck**
- **Oakdale**
- **Roseland**
- **E. Jennings**
- **Anacoco**
- **Oberlin**
- **Moss Bluff**
- **New Iberia**
- **Eunice**

CHANNEL SUMMARY

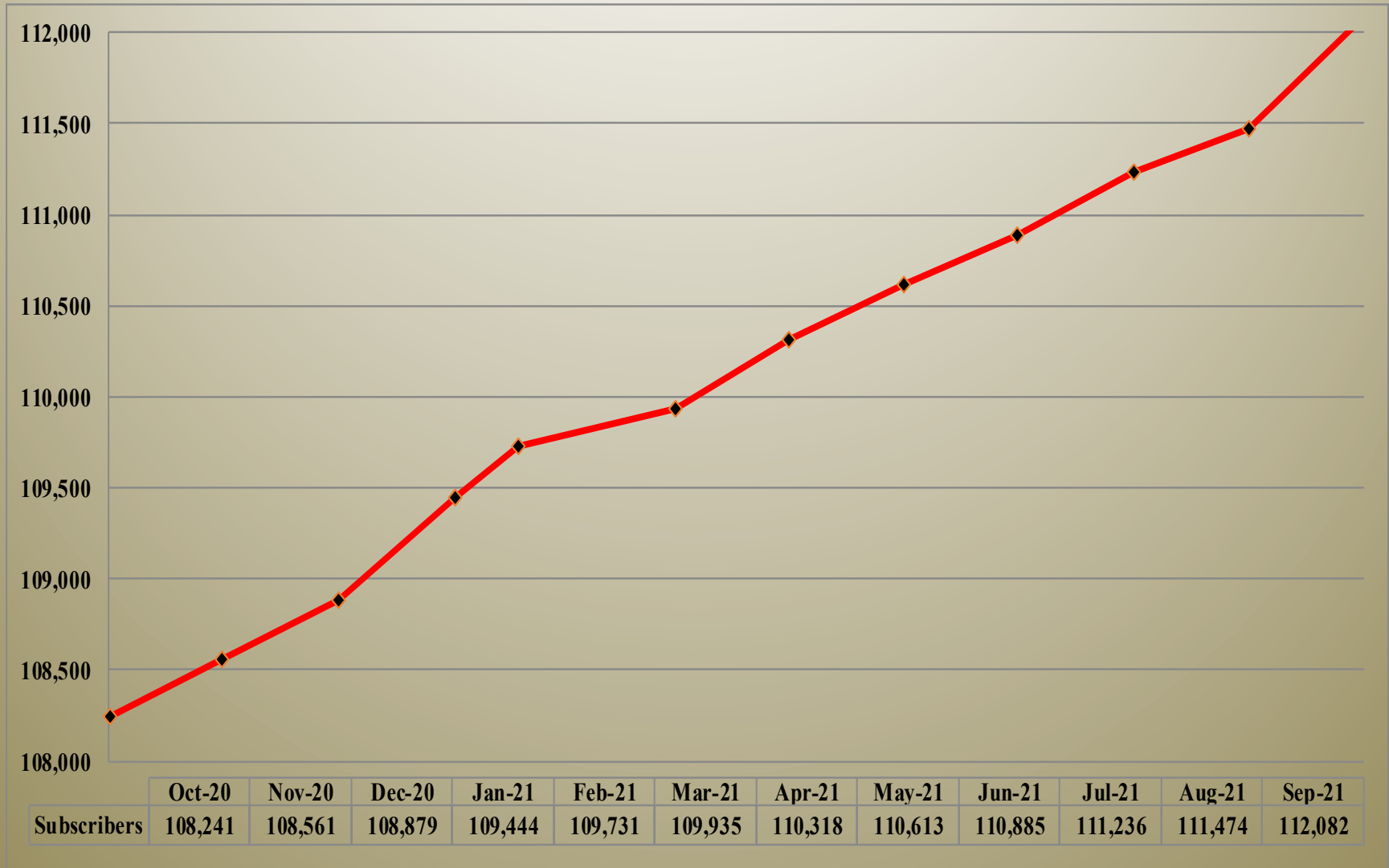
- Total Channels 1310
 - 1259 Channels on 144 Sites
 - 51 Channels on 6 Mobile Sites



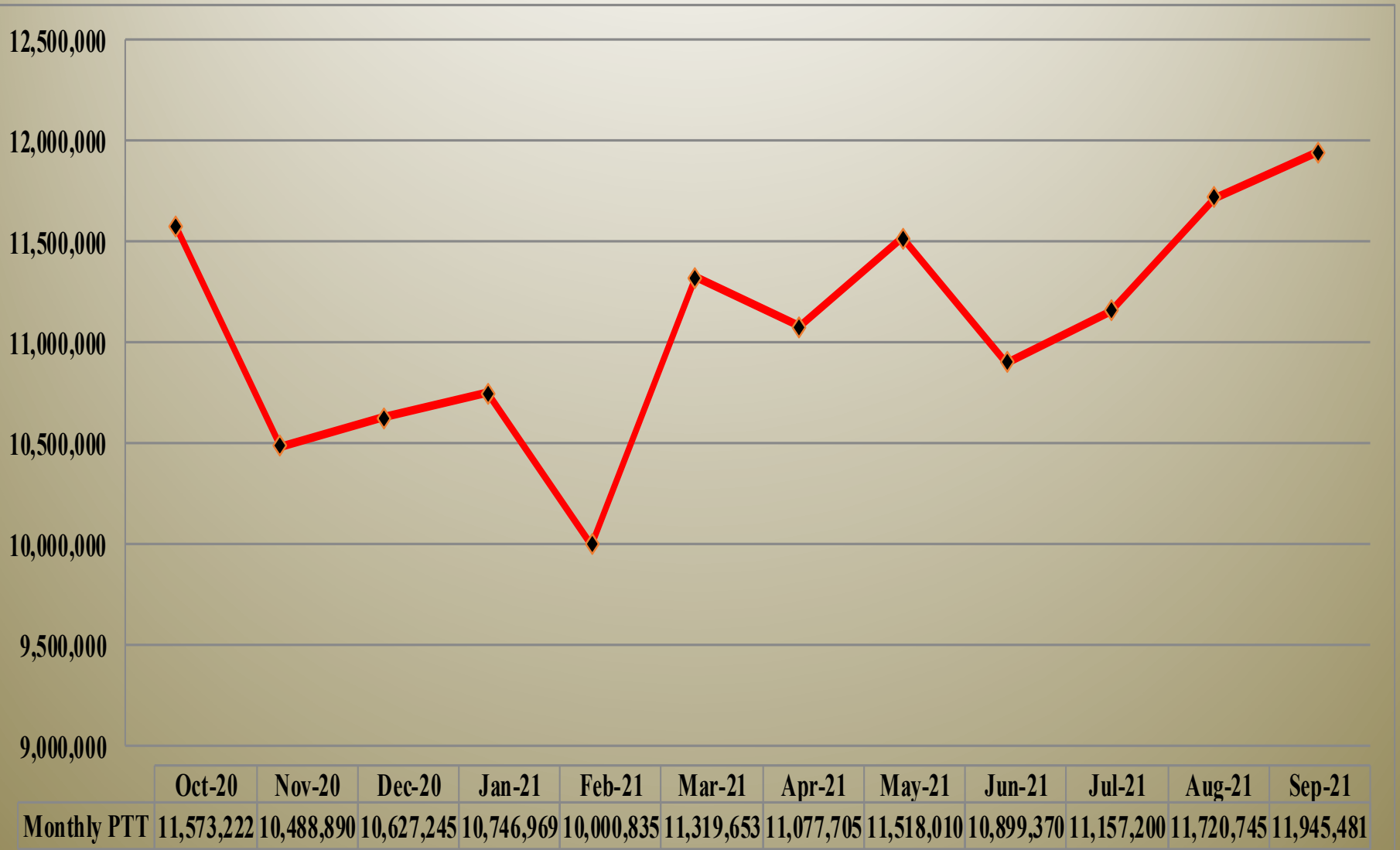
SYSTEM STATISTICS



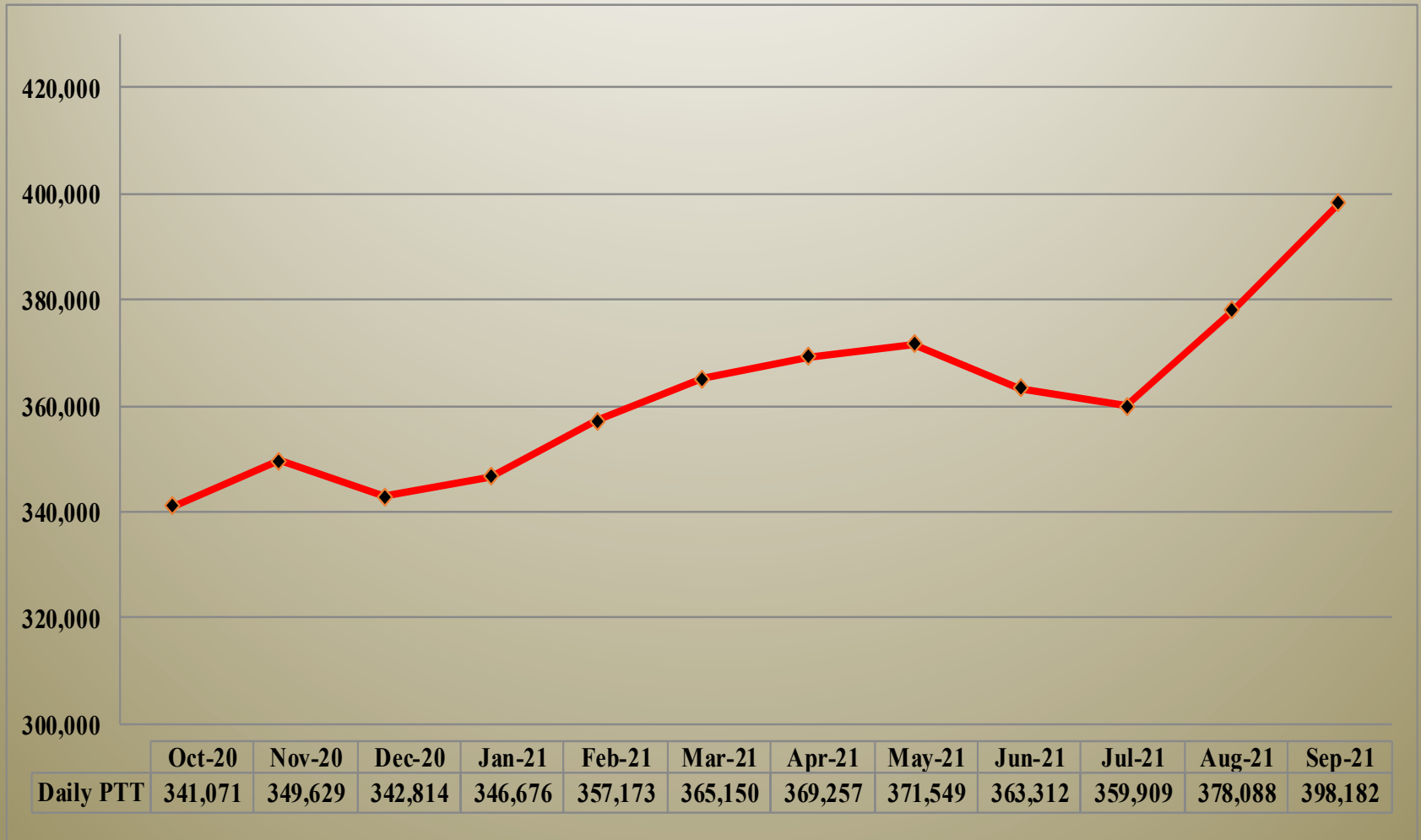
SUBSCRIBERS



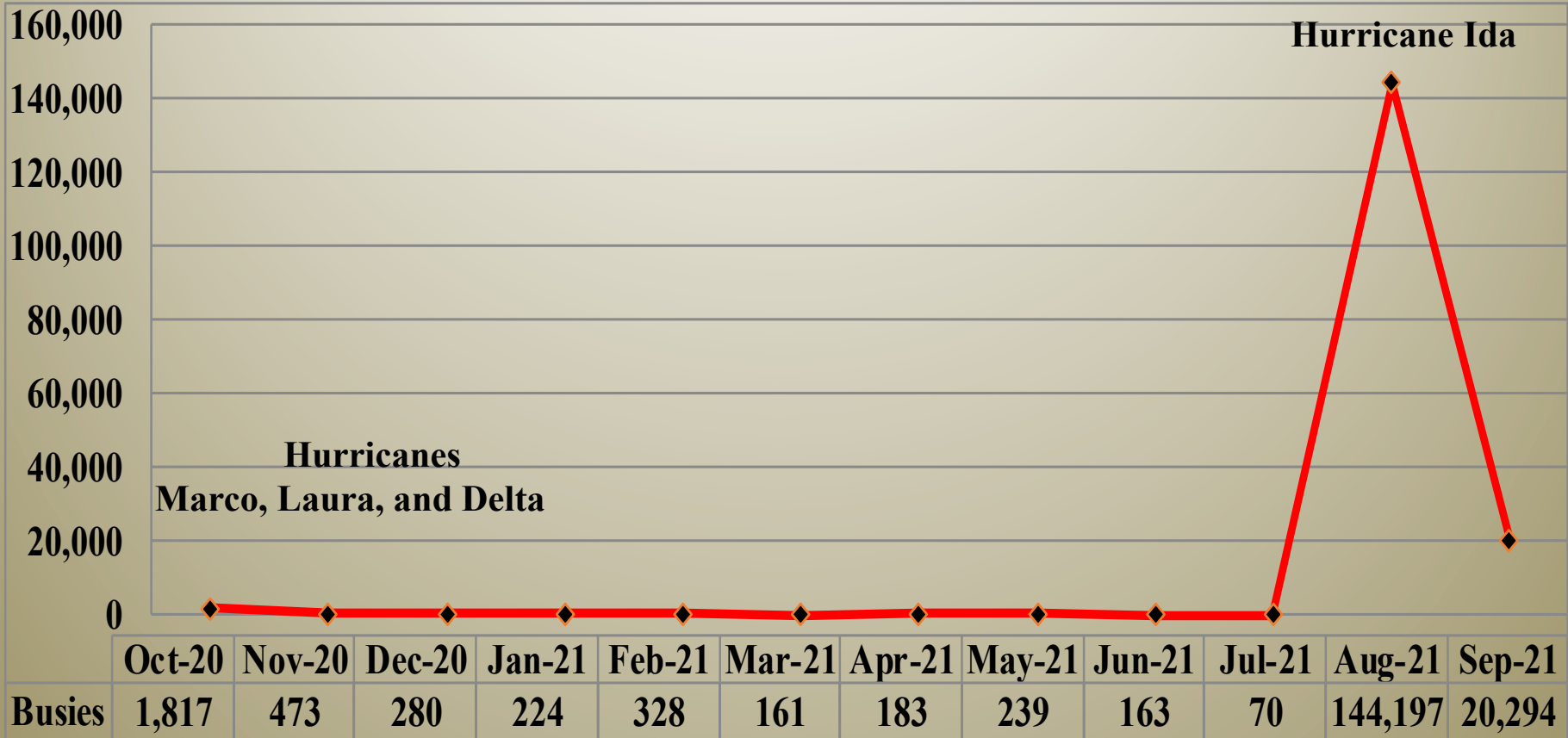
PUSH TO TALK



PUSH TO TALK PER DAY



BUSIES



	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Busies	1,817	473	280	224	328	161	183	239	163	70	144,197	20,294

Top Sites Voice and Data Busy



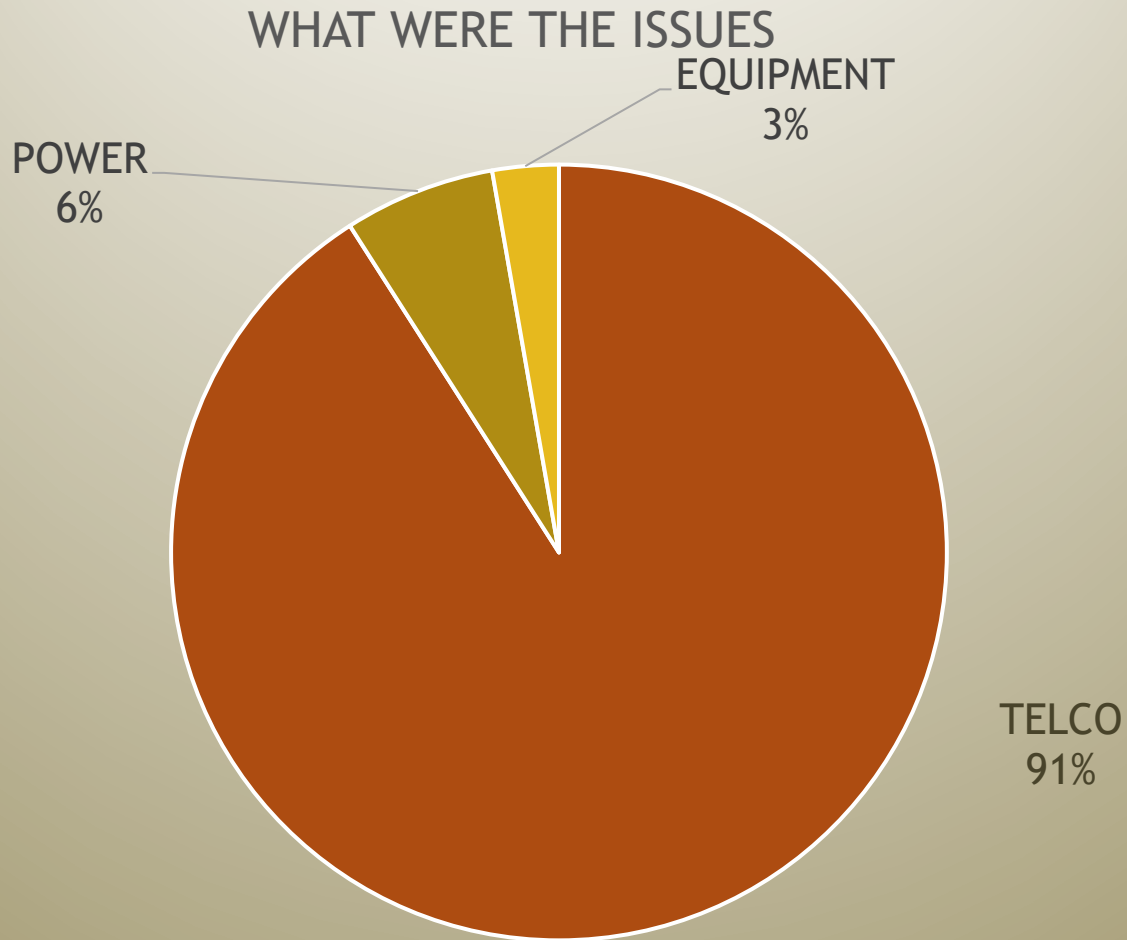
- | | |
|----------------|--------|
| 1. St. Tammany | 72,000 |
| 2. Hammond | 33,077 |
| 3. Kenner | 13,744 |
| 4. Livingston | 12,273 |
| 5. St. James | 12,123 |

SITE OUTAGES

Abbeville	Boothville	Dry Creek	Jeanerette	Monroe	Pointe Coupee	St. James
Alexandria	Bridge City	Enterprise	Keachi	Montegut	Ramah	Sulphur
Anacoco	Calhoun	Geismar	Lafayette	Moss Bluff	Roseland	Transylvania
Arcadia	Chase	Gibson	Larose	Noble	Ruston	Vermillion
Arsene Lebleu	Clearwater	Greensburg	Livonia	Oberlin	Sage Hill	Vinton
Ashland	Clinton	Homer	Mansfield	Opelousas	Sentell	Wilmer
Bayou Gauche	Columbia	Houma	Many	Ouachita	Sheridan	Winnfield
Bellevue	Dequincy	Iberville	Merryville	Paincourtville	St. George	

Total Downtime is 1573 Hours

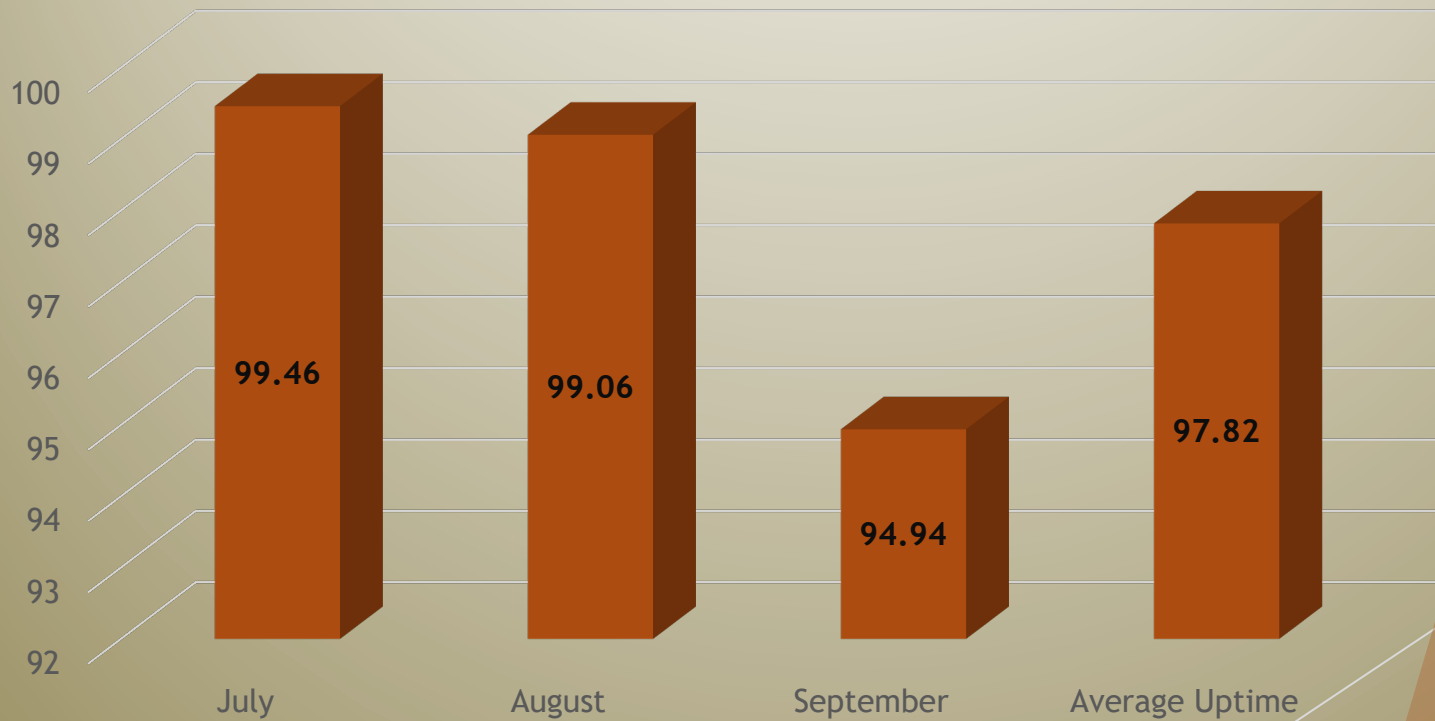
SITE OUTAGE DATA



■ TELCO ■ POWER ■ EQUIPMENT

SYSTEM STATISTICS

Percentage of All Sites IN WIDE AREA operations





HURRICANE IDA DATA

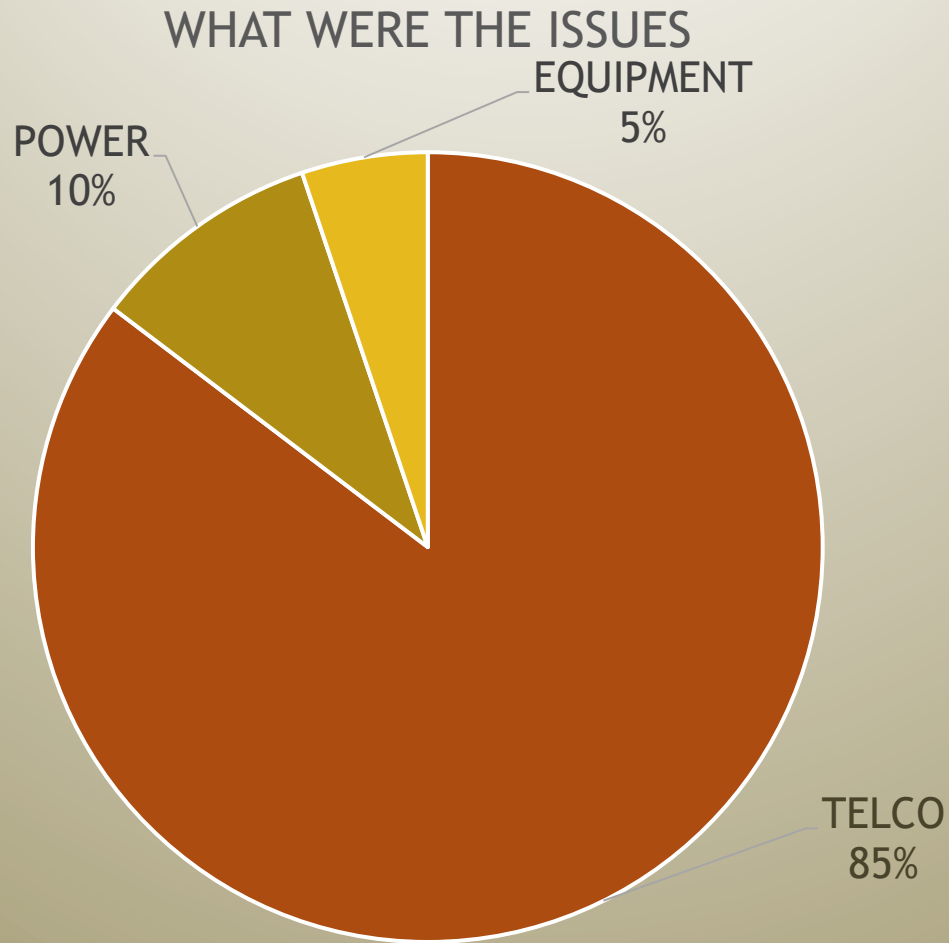


STORM SITE OUTAGES

Airport	Gibson	Jackson	PanAm	Theriot
Bayou Gauche	Gray	Jeanerette	Port Fourchon	Wilmer
Berwick	Grand Isle	Kenner	Ramah	
Boothville	Greensburg	Laplace	Reggio	
Bourg	Gretna	Larose	Roseland	
Bridge City	Hahnville	Livonia	Sage Hill	
Buras	Houma	Montegut	St. George	
Geismar	Iberville	Paincourtville	St. James	

Total Downtime is 5238 Hours

SITE OUTAGE DATA



■ TELCO ■ POWER ■ EQUIPMENT

STORM SITE OUTAGE DATA

Hurricane Ida Data

- 34 Total Sites Affected
- Remaining Damaged Sites Bayou Gauche, Bourg, and Houma
- Bayou Gauche Tower Site
 - Roof and water damage
 - Box Trailer 99 deployed initially then moved to temporary building
 - 456 Hours of Downtime

STORM SITE OUTAGE DATA

Hurricane Ida

➤ Bourg Tower Site

- Flooded and remains down
- 1416 Hours of Downtime

➤ Houma Tower Site

- Damage, but may be repaired
- Equipment may be relocated if the building is not repairable
- If the equipment is relocated, a tower trailer will be deployed during the transition

STORM SITE OUTAGE DATA

Hurricane Ida

- Trailer 96 (LSA) Deployed in Houma
- Trailer 97 Deployed in Lake Charles since Hurricane Delta
- Trailer 98 Deployed at Grand Isle, Montegut, Bayou Cane
- Trailer 100 Deployed at Golden Meadow, Galliano
- Mobile Command Post Deployed at Troop C

STORM SITE OUTAGE DATA

Hurricane Ida

- 7 Generator on Wheels Deployed at multiple sites
- 3 Satellite Flyaway and one satellite trailer Kits Deployed to multiple sites
- LTE/Broad band connectivity to Port Fouchon, Houma, Grand Isle, St. George sites
- Starlink connectivity used at Bayou Gauche
- Radio Communications Man Hours Spent were 1884

SUBSCRIBER STATISTICS

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Security Groups

192



Agencies

602



Talkgroups

6362

Agencies Added Last 3 Months



VILLE PLATTE CITY MARSHAL'S OFFICE

SYSTEM COVERAGE

Present Coverage



Legend: Present Coverage

QUESTIONS?

THANK YOU!