

State of Louisiana Project 25 Network

System Management & Maintenance Update

***Department of Public Safety
Radio Communications
(225) 925-6036***

Infrastructure Update

Site Summary: 55 Operational Sites (51 Tower Sites & 4 Mobile Trailer Sites)

Number of
Channels are
Active
vs.
Total
at
each site

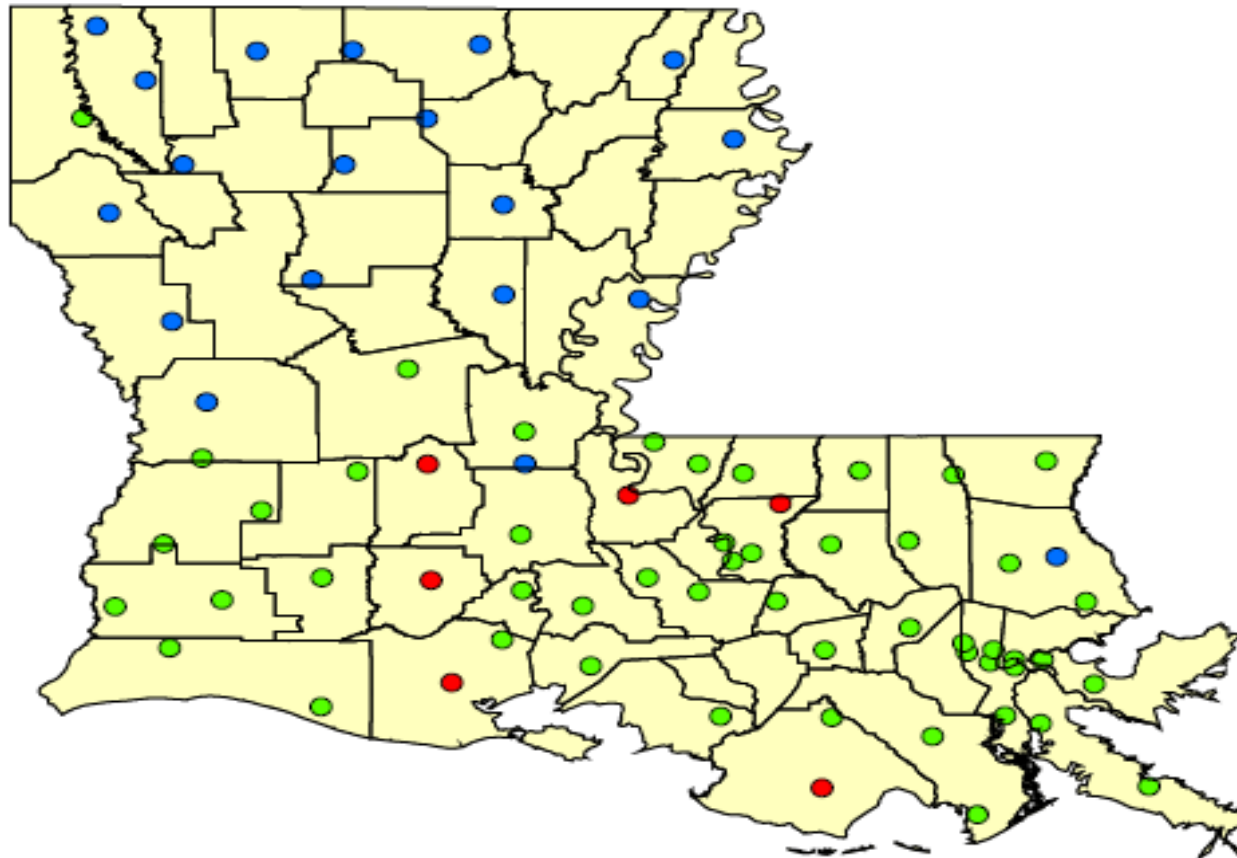
Site Name	# of Channels (Active /Total)	Site Name	# of Channels (Active)
Pan Am	20/20	Parker Road	6/6
Bridge City	7/20	Iberville	4/6
Slidell	9/9	Livingston	6/8
Laplace	9/9	Dry Creek	6/6
New Buras	6/6	Oakdale	6/6
Covington	9/9	Opelousas	6/6
Sheridan	6/9	Jackson	6/6
Baton Rouge	12/20	Greensburg	5/6
Geismer	7/9	Rosepine	6/6
St. James	6/9	Dequincy	6/6
Larose	6/9	Avoyelles	6/9
LSU	8/20	Alexandria	9/9
Hammond	6/9	Trailer 97	6/9
Gray	9/9	Trailer 98	6/9
Wilmer	8/9	Trailer 99	6/9
Abbeville	6/6	Trailer 100	6/9
Berwick	6/6	Gretna (N.Sim)	26/30
Lafayette	9/9	Galleria (N. Sim)	26/30
Jennings	6/6	WDSU (N. Sim)	26/30
Jeanerette	6/6	Reggio (S. Sim)	14/15
Lake Charles	9/9	St. Rosalie (S. Sim)	14/15
Hackberry	6/6	Kenner	8/10
Rockefeller	6/6	Airport	5/10
Vinton	6/6	Buras	9/10
Parks	8/9	Lafitte	5/10
Ramah	6/9	Leeville	6/10
West Baton Rouge	8/8	Shreveport	6/6
Sage Hill	4/6		

Site Summary: 28 Planned Tower Sites

Number of
Channels are
Active
vs.
Total
at
each site

Timeline	Site Name	# of Channels
In Progress	Baywood	6
In Progress	Point Coupee	9
In Progress	Theriot	6
In Progress	Acadia	9
In Progress	Turkey Creek	6
In Progress	Vermillion	6
Aug-08	Leesville	9
Aug-08	Wheeling	6
Sep-08	Jena	6
Sep-08	Many	6
Sep-08	Ferriday	6
Sep-08	Jonesboro	6
Sep-08	Bellevue	6
Sep-08	Columbia	9
Sep-08	Homer	6
Sep-08	Tallulah	6
Oct-08	Oak Grove	6
Oct-08	Ringgold	6
Oct-08	Mansfield	6
Oct-08	Marion	6
Oct-08	Bernice	6
Oct-08	Plain Dealing	6
Oct-08	Calhoun	6
Oct-08	Alexandria 2	9
Oct-08	Goudeau	9
Oct-08	Scott	9
Oct-08	Shreveport 2	9
Oct-08	St. Tammany	9

System Tower Site Summary



OPERATIONAL

**IN
PROGRESS**

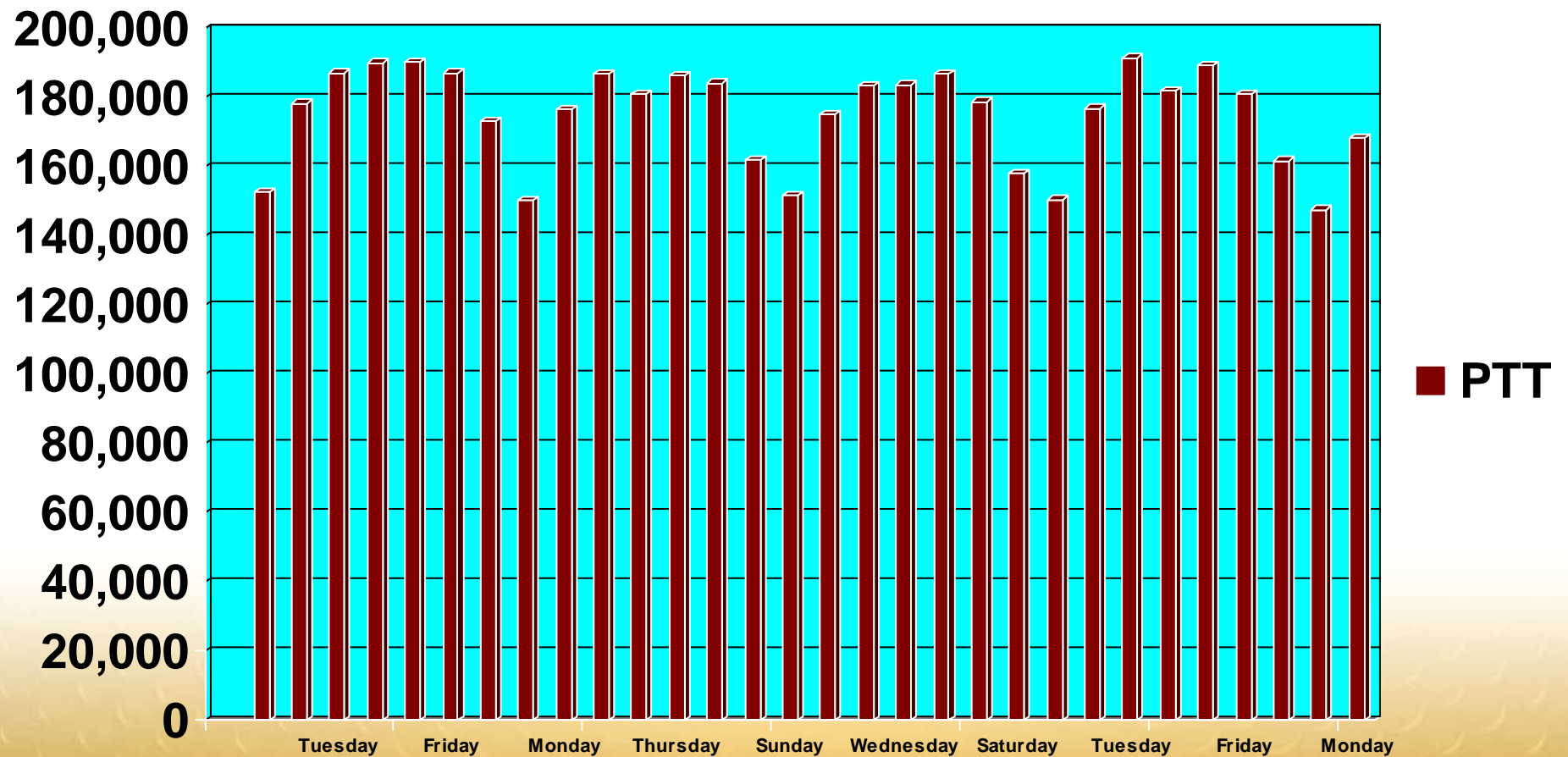
PLANNED



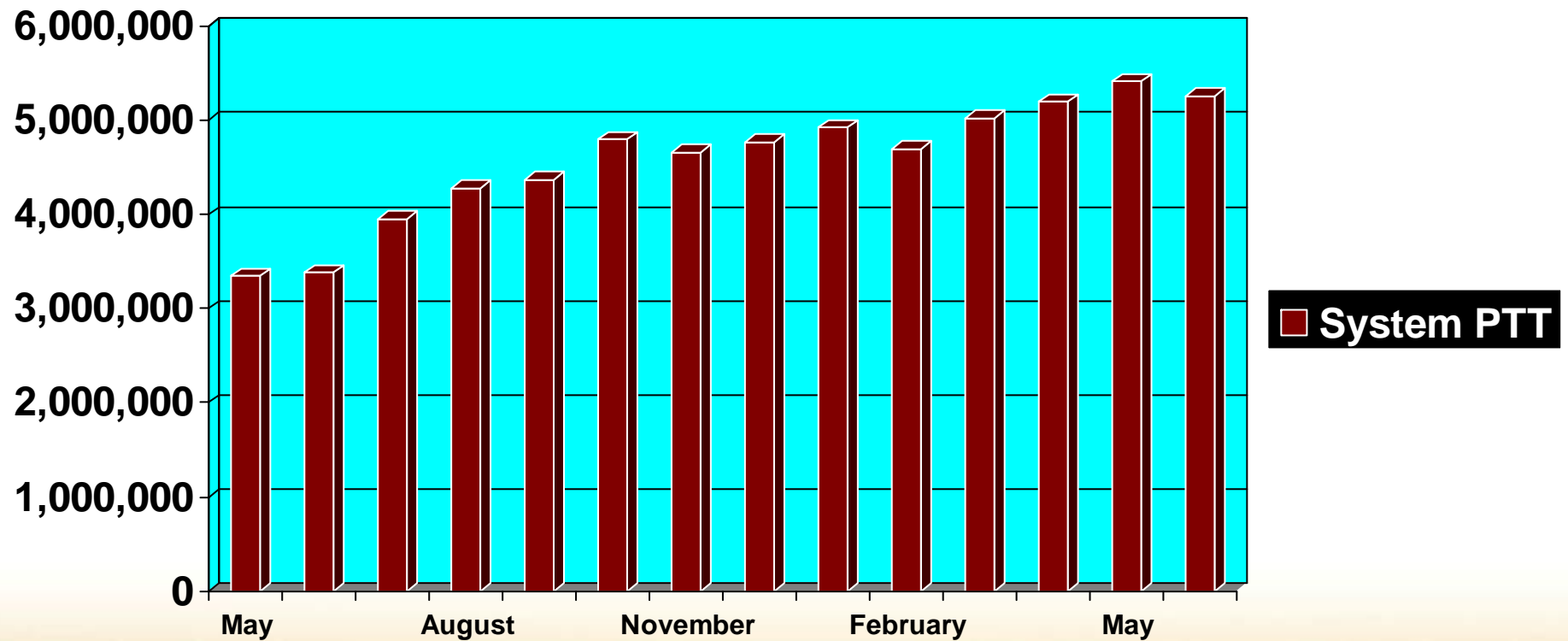
State of Louisiana P25 700 MHz System

System Radio Usage

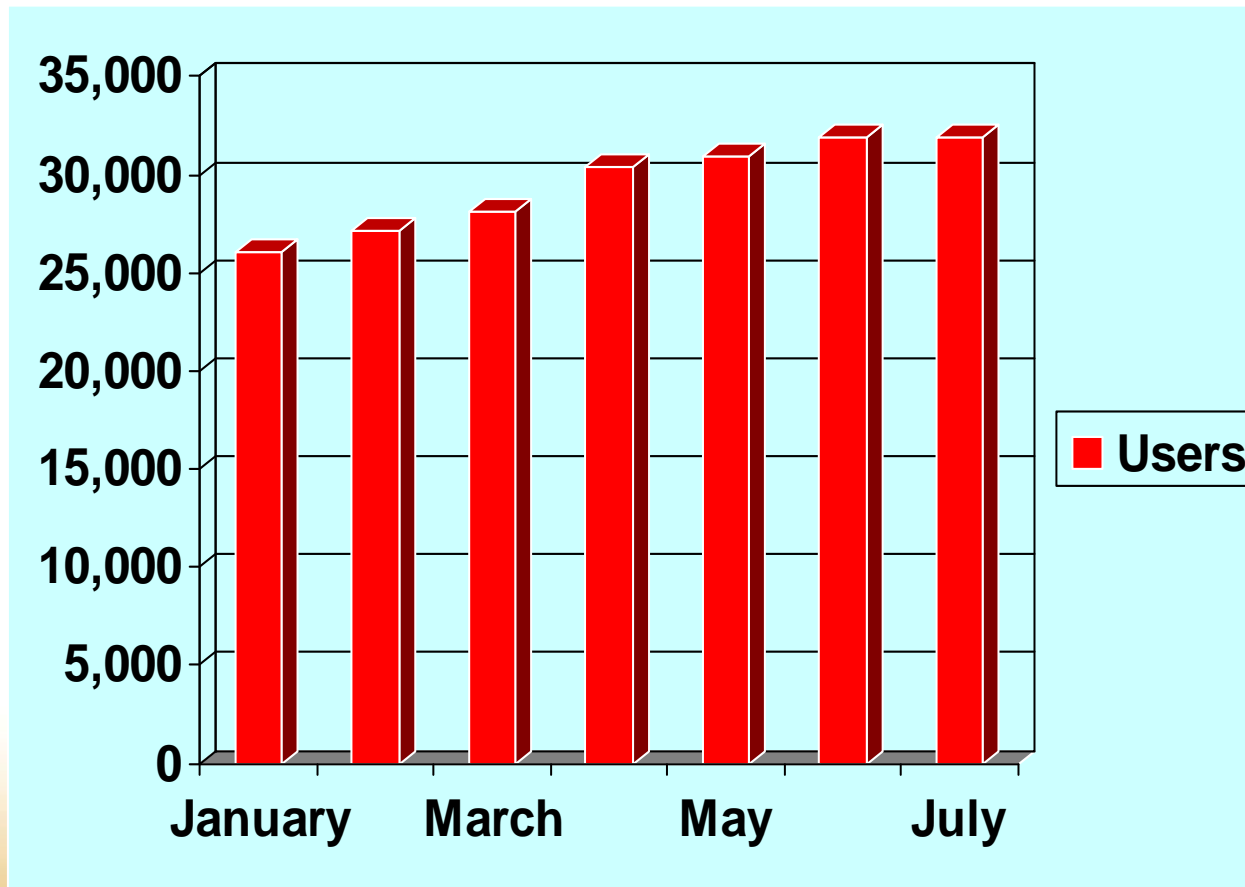
Total System PTT – June Daily



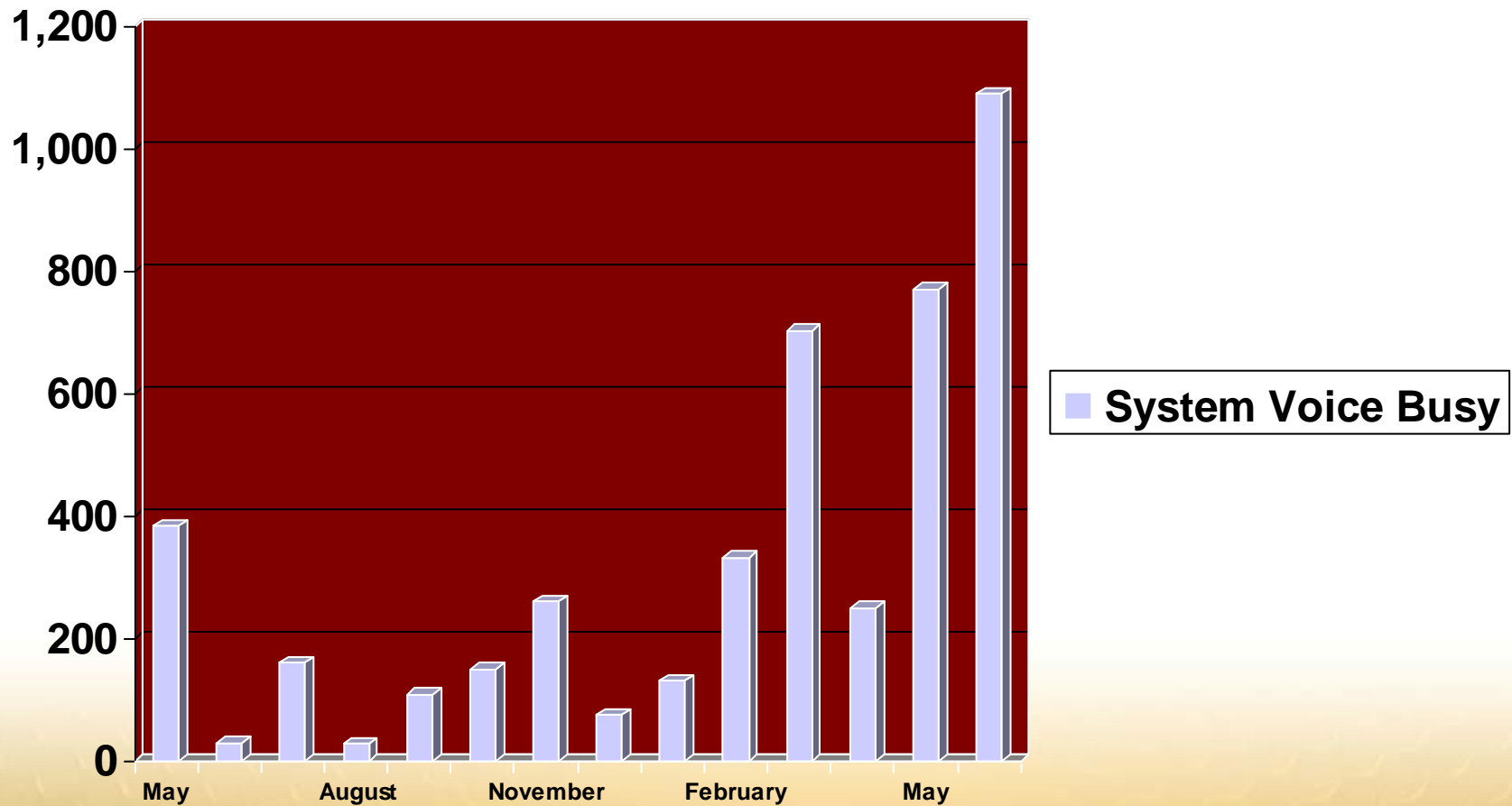
Total System PTT - Monthly



System “User” Growth



Total System Busies- Monthly



Site & Telco Issues

- **December 2007**
 - 5 site issues
 - 1 Telco issue
- **January 2008**
 - 1 site issues
 - 0 Telco issue
- **February 2008**
 - 5 site issues
 - 3 Telco issue
- **March 2008**
 - 2 site issues
 - 1 Telco issue
- **April 2008**
 - 2 site issues
 - 1 Telco issue
- **May 2008**
 - 1 site issue
 - 3 Telco issues
- **June 2008**
 - 2 site issues
 - 2 Telco issues

System Access

P25 System Access Coordination

- **SIEC has facilitated the build out of a statewide 700/800 MHz system with open access to all first responders.**
- **Agencies must have units that are Project 25 compliant with ability to operate on both 700 and 800 bands.**

USER AGENCY ACCESS GUIDELINES

1. **Submit Agency Information form.**
2. **Submit Talkgroup Request**
3. **Submit Radio Serial #s / Aliases**

SYSTEM USER FORMS ONLINE
<http://siec.la.gov>

P25 System User Information Form

**SYSTEM USER
FORMS ONLINE
<http://siec.la.gov>**

STATE OF LOUISIANA SYSTEM MANAGER
P25 RADIO TRUNKING SYSTEM
USER INFORMATION FORM

COMPLETE ONE (1) APPLICATION PER AGENCY.

1. NAME OF AGENCY/DEPARTMENT/SECTION: _____

CONTACT PERSON/TITLE: _____

PHONE NUMBER: _____ FAX #: _____

MAILING ADDRESS: _____

EMAIL ADDRESS: _____

If you would like your agency to receive radio system problem notifications, please provide email addresses below to which you would like to receive the notifications. This purpose would **only** be for Radio System Problem notifications.

EMAIL ADDRESS: _____

EMAIL ADDRESS: _____

EMAIL ADDRESS: _____

EMAIL ADDRESS: _____

2. DEPARTMENT INFORMATION:

A. IMMEDIATE ACCESS: # OF PORTABLES: _____ # OF MOBILES: _____

B. ANTICIPATED GROWTH WITHIN THE NEXT 1 YEAR: PORTABLES: _____ MOBILES: _____

C. ANTICIPATED GROWTH WITHIN THE NEXT 5 YEARS: PORTABLES: _____ MOBILES: _____

D. NUMBER OF TALKGROUPS NEEDED FOR YOUR AGENCIES PRIVATE USE: _____

3. DESCRIPTION OF DISPATCH FACILITIES: _____

HOURS OF OPERATION: _____

4. LIST THE NAMES AND TITLE OF ALTERNATE INDIVIDUALS AUTHORIZED TO REQUEST ANY INFORMATION OR RADIO IDENTIFICATION NUMBER: (PLEASE PRINT NAMES)

PRINTED FIRST AND LAST NAME DATE

PRINTED FIRST AND LAST NAME DATE

DPS/RADIO COMMUNICATIONS (SYSTEM MANAGER)

Email: Radio.Communications@dps.la.gov

Phone: 225-925-6036

FAX: 225-925-7003

P25 System Talkgroup Request Form

P25 System				
TALKGROUP REQUEST				
TALKGROUP OR MULTIGROUP ALIAS	700 DECIMAL ID	700 HEX ID		
Agency-Dispatch1	PROVIDED BY DPS-RC *	PROVIDED BY DPS-RC *		
Agency-Dispatch2				
Agency-Swat1				
Agency-Swat2				
Agency-FireDisp1				
Agency-FireDisp2				
Agency-SO TG 1				
Agency-SO TG 2				
Agency-SO TG 3				

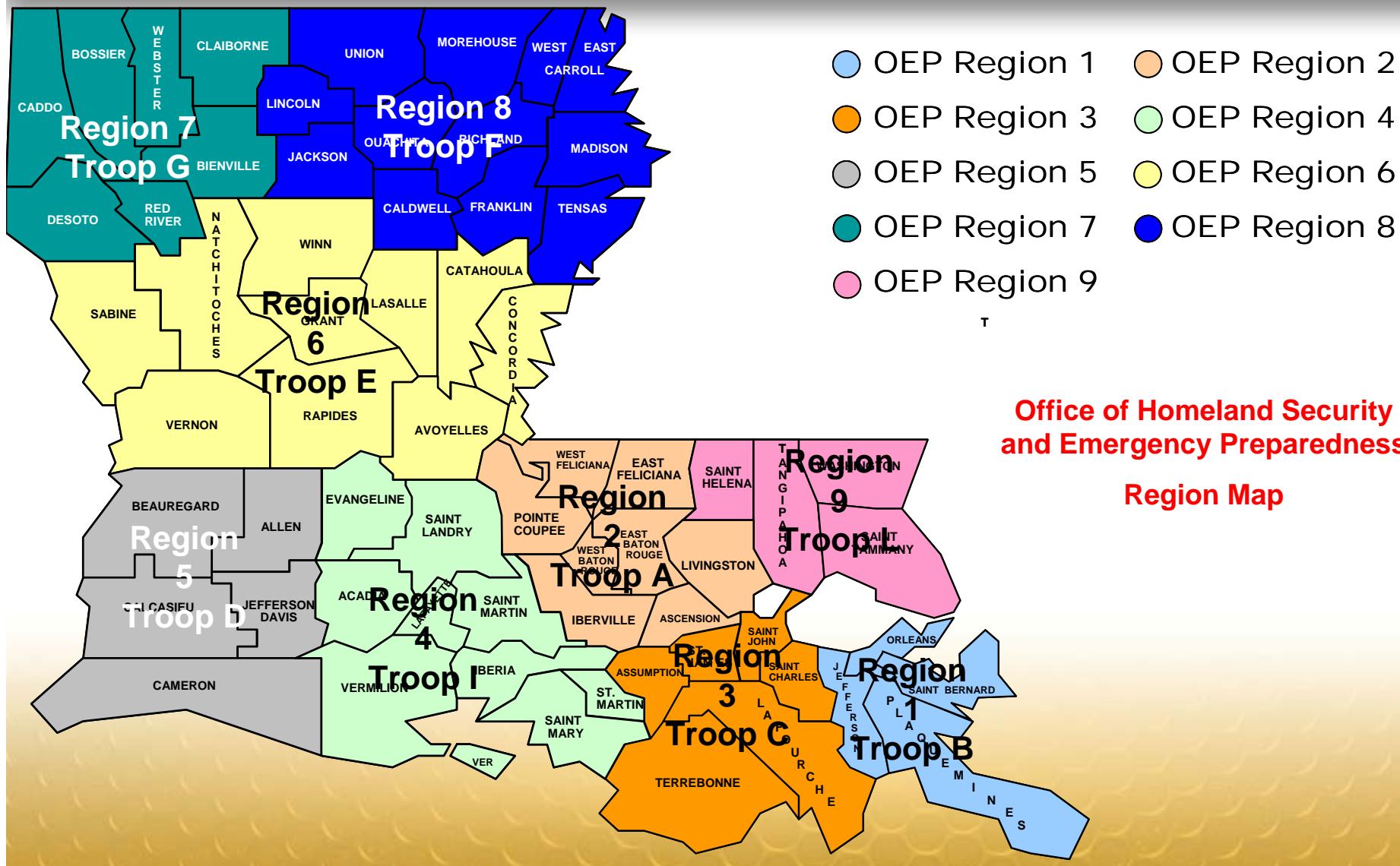
P25 System Radio ID Request Form

P25 System

Radio ID Request Form

#	Radio Serial	Model	Model	Alias	P25 Hex	P25 Decimal
1	999BFG0000	XTS2500	MOTOROLA	HQ-789	PROVIDED BY DPS-RC *	PROVIDED BY DPS-RC *
2	999BFG0001	XTS2500	MOTOROLA	HQ-790		
3	999BFG0002	XTS5000	MOTOROLA	HQ-791		
4	999BFG0003	XTS5000	MOTOROLA	HQ-792		
5	8767B5004	EFJ-51SL	EF JOHNSON	HQ-793		
6	8767B5005	EFJ-51SL	EF JOHNSON	HQ-794		
7	8767B5006	EFJ5100	EF JOHNSON	HQ-795		
8	8767B5007	EFJ5100	EF JOHNSON	HQ-796		

State of Louisiana Regional Map



700 MHz System & Region 5 Talkgroups

ZONE 4/700 *COORDINATION - 1	ZONE 5/700 *COORDINATION - 2	ZONE 6/700 *INTEROPERABILITY	ZONE 7/700 *REGION 5 INTEROPS 1	ZONE 8/700 *REGION 5 INTEROPS-2	ZONE 9/700 *NSPAC
CH. NAME	CH. NAME	CH. NAME	CH. NAME	CH. NAME	CH. NAME
*R1-COORDCALL	*R6-COORDCALL	*STATE-1	*ALLEN-1	*CAMERON-1	*NSPAC-1
*R1-COORDTK-1	*R6-COORDTK-1	*STATE-2	*ALLEN-2	*CAMERON-2	*NSPAC-2
*R1-COORDTK-2	*R6-COORDTK-2	*STATE-3	*ALLEN-3	*CAMERON-3	*NSPAC-3
*R2-COORDCALL	*R7-COORDCALL	*STATE-4	*ALLEN-4	*CAMERON-4	*NSPAC-4
*R2-COORDTK-1	*R7-COORDTK-1	*INTEROP-1	*BEAUREGARD-1	*JEFF DAVIS-1	*NSPAC-5
*R2-COORDTK-2	*R7-COORDTK-2	*INTEROP-2	*BEAUREGARD-2	*JEFF DAVIS-2	*NSPAC-6
*R3-COORDCALL	*R8-COORDCALL	*INTEROP-3	*BEAUREGARD-3	*JEFF DAVIS-3	*NSPAC-7
*R3-COORDTK-1	*R8-COORDTK-1	*INTEROP-4	*BEAUREGARD-4	*JEFF DAVIS-4	*NSPAC-8
*R3-COORDTK-2	*R8-COORDTK-2	*INTEROP-5	*CALCASIEU-1		
*R4-COORDCALL	*R9-COORDCALL	*INTEROP-6	*CALCASIEU-2		
*R4-COORDTK-1	*R9-COORDTK-1	*INTEROP-7	*CALCASIEU-3		
*R4-COORDTK-2	*R9-COORDTK-2	*INTEROP-8	*CALCASIEU-4		
*R5-COORDCALL		*INTEROP-9			
*R5-COORDTK-1		*INTEROP-10			
*R5-COORDTK-2					

Regional & State
Interop

Parish
Interop

NSPAC-700

Radio Programming

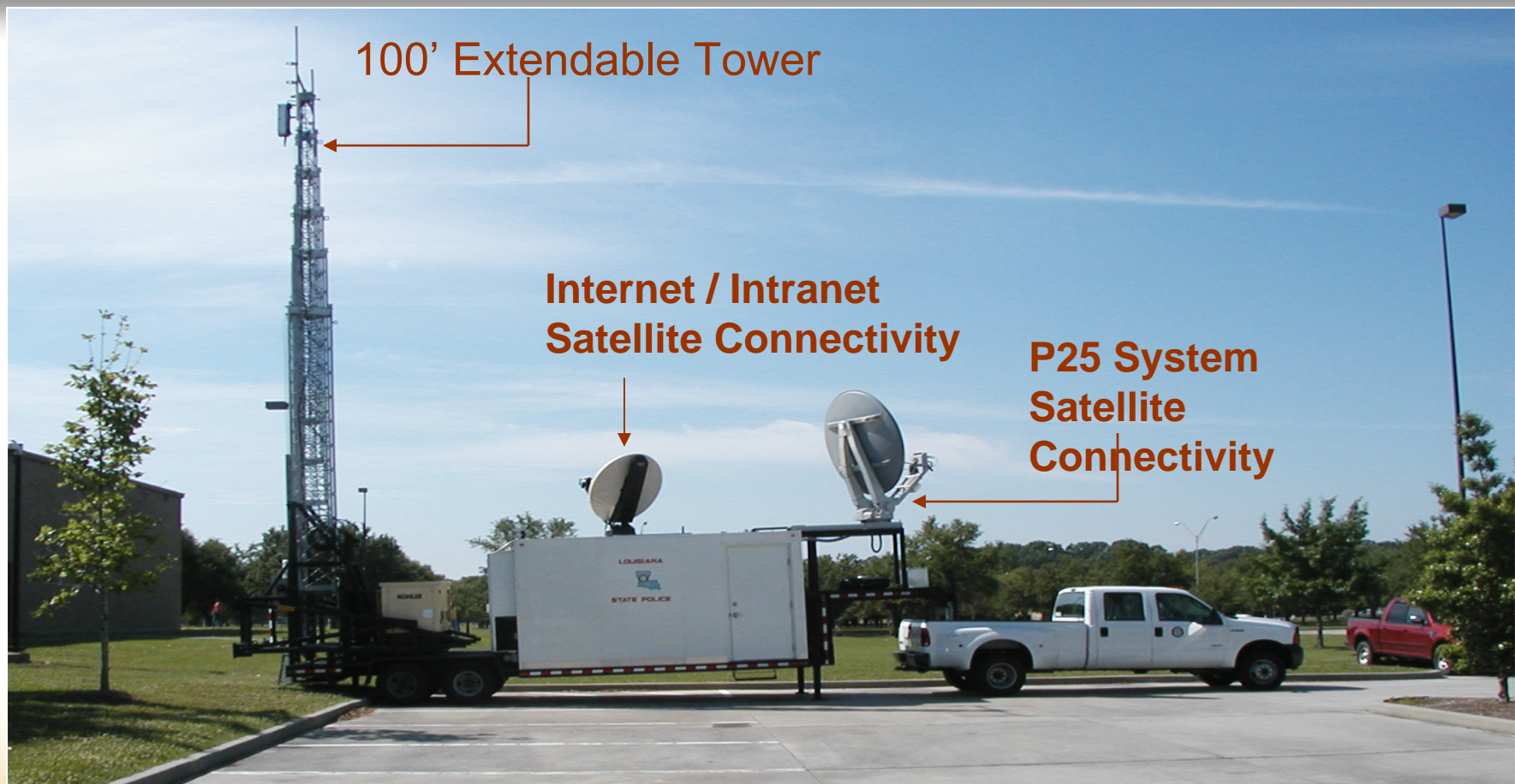
Programming

- Programming of radios shall be arranged by the user agencies
- All radios shall be programmed with the system-wide common interoperable & coordination talk groups
- Programming Advanced System Keys (ASK) will be purchased by requesting agencies
- Request for another agency's Talk groups must be accompanied by Letter of Approval from respective agency
- No agency shall assign Talk group or Unit IDs
- No agency shall program any Talk groups assigned to another agency without written consent

DPS Radio Communications will provide fleet mapping

- **User Security Group**
- **User “Talkgroup Prefix”**
- **Individual Radio IDs**
- **Individual Talkgroup IDs**

SIEC & LSP Mobile Communications Equipment Trailer (3 Total)



- 700 / 800 MHz P25 TRUNKED SITE
- 800 MHz MUTUAL AID REPEATERS
- VHF / UHF MUTUAL AID BASE STATIONS

- INTEROPERABILITY GATEWAY
- INTERNET & VOIP ACCESS

Louisiana Interoperability



Strategic Technology Reserve

A variety of communication resources are available for immediate deployment in an emergency or major incident. These assets are available upon request by local and state agencies through Emergency Support Function (ESF) 2

- Radio Caches

- SIEC (200) Portable Radios, Located in Baton Rouge at DPS Radio Communications

- Mobile Communications Equipment Trailers

The trailers are equipped with 700/800 MHz P25 trunked site, 800 MHz mutual aid repeaters, VHF/UHF mutual aid base stations, interoperability gateway and internet and Voice-Over IP access.

- 1- Located in Greater New Orleans Area
- 1- Located in Ouachita Parish
- 1- Located in Baton Rouge

THANK YOU!