

Louisiana SIEC

03/25/2009



WCC History

- State Interoperability Executive Committee - Feb. 2003 / Aug 2004
- WCC Established by Senate Bill 2514 in 2005 Regular Session
- Katrina - August 29, 2005

WCC Legislation

- Sole authority to adopt rules and regulations
- Vested with legal authority to:
 - Purchase, lease, acquire or otherwise implement a statewide wireless communications system
 - Provide system planning with all public safety communications systems
 - Assist with establishment of state and local wireless communications
 - Provide technical support to users

WCC Legislation

- Responsible for the design, engineering, acquisition and implementation of the statewide system
- Ensure the proper operation and maintenance of all equipment common to the system
- Permit state and local agencies use of the communications system under the terms and conditions established by the commission
- Manage and administer the wireless communications system

WCC Legislation

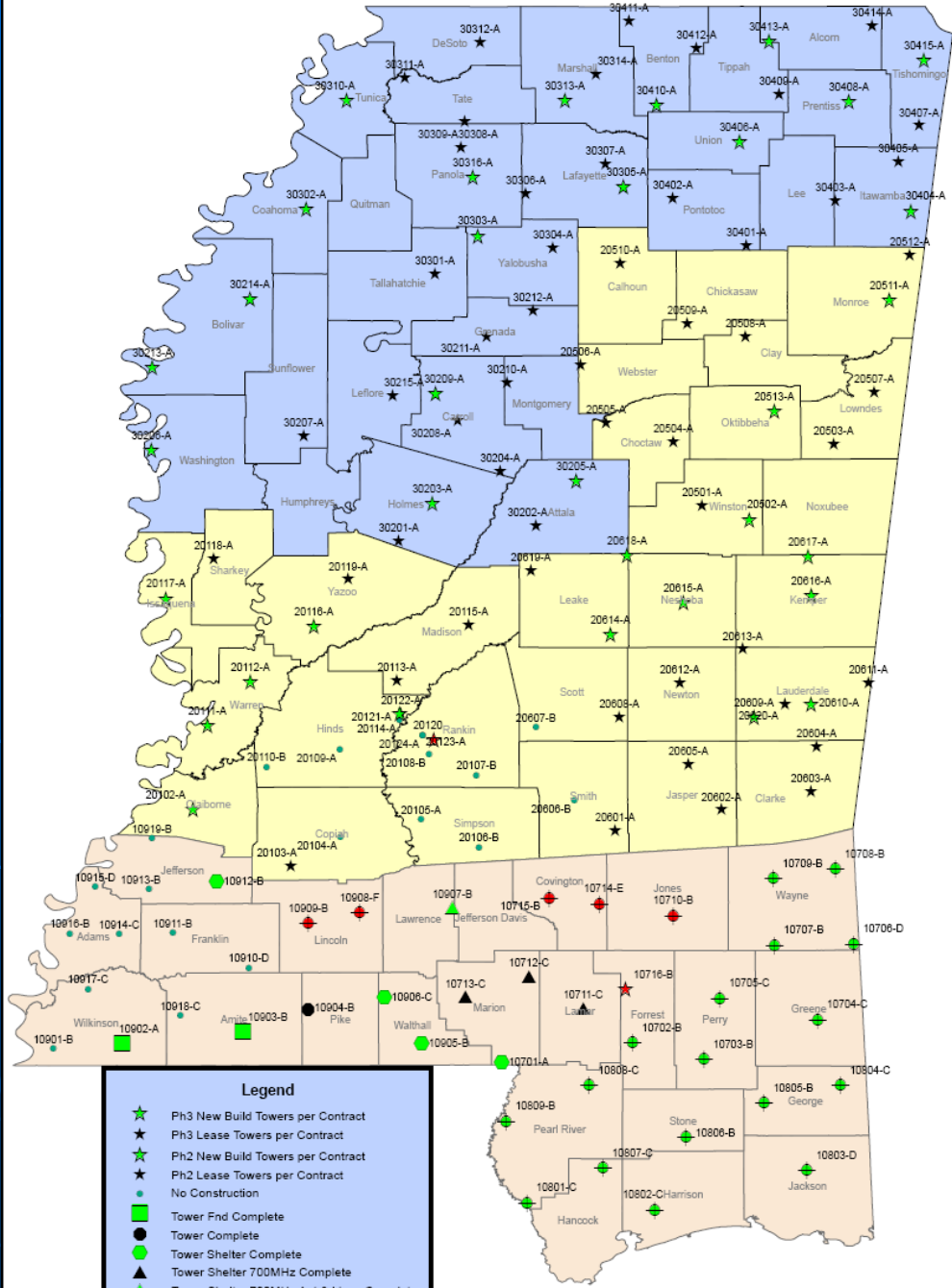
- Having sign-off approval on all wireless communications systems within the state which are owned or operated by any state or local governmental entity, agency or department
- Enter into mutual aid agreements among federal, state and local agencies for the use of the communications system.

MSWIN Project

- RFP 3429 issued 3/02/06
- Proposals received 6/5/2006
- Award to Motorola 11/03/2006
- Contract Executed 6/29/2007

MSWIN System Requirements

- 97% Area Coverage of the State
- Statewide Seamless Roaming without Operator Intervention
- 97% Area Coverage at Specific Locations (county seats, bases, port, bridges, power plants, etc.)
- Alternate Routing between Wide Area Controller Sites



Legend

- ☆ Ph3 New Build Towers per Contract
- ★ Ph3 Lease Towers per Contract
- ☆ Ph2 New Build Towers per Contract
- ★ Ph2 Lease Towers per Contract
- No Construction
- Tower Fnd Complete
- Tower Complete
- Tower Shelter Complete
- ▲ Tower Shelter 700MHz Complete
- ▲ Tower Shelter 700MHz Ant & Lines Complete
- ◆ Site Trunking
- ◆ Wide Area Sites
- ★ Master Site

MSWIN Specifications

- 700 MHz
- Project 25 Full Features & Functions
- 5% Grade of Service
- 150% Subscriber Growth as installed
- Redundant System Controllers
- 3 Sites on Wheels & Master SOW
- Data Capable

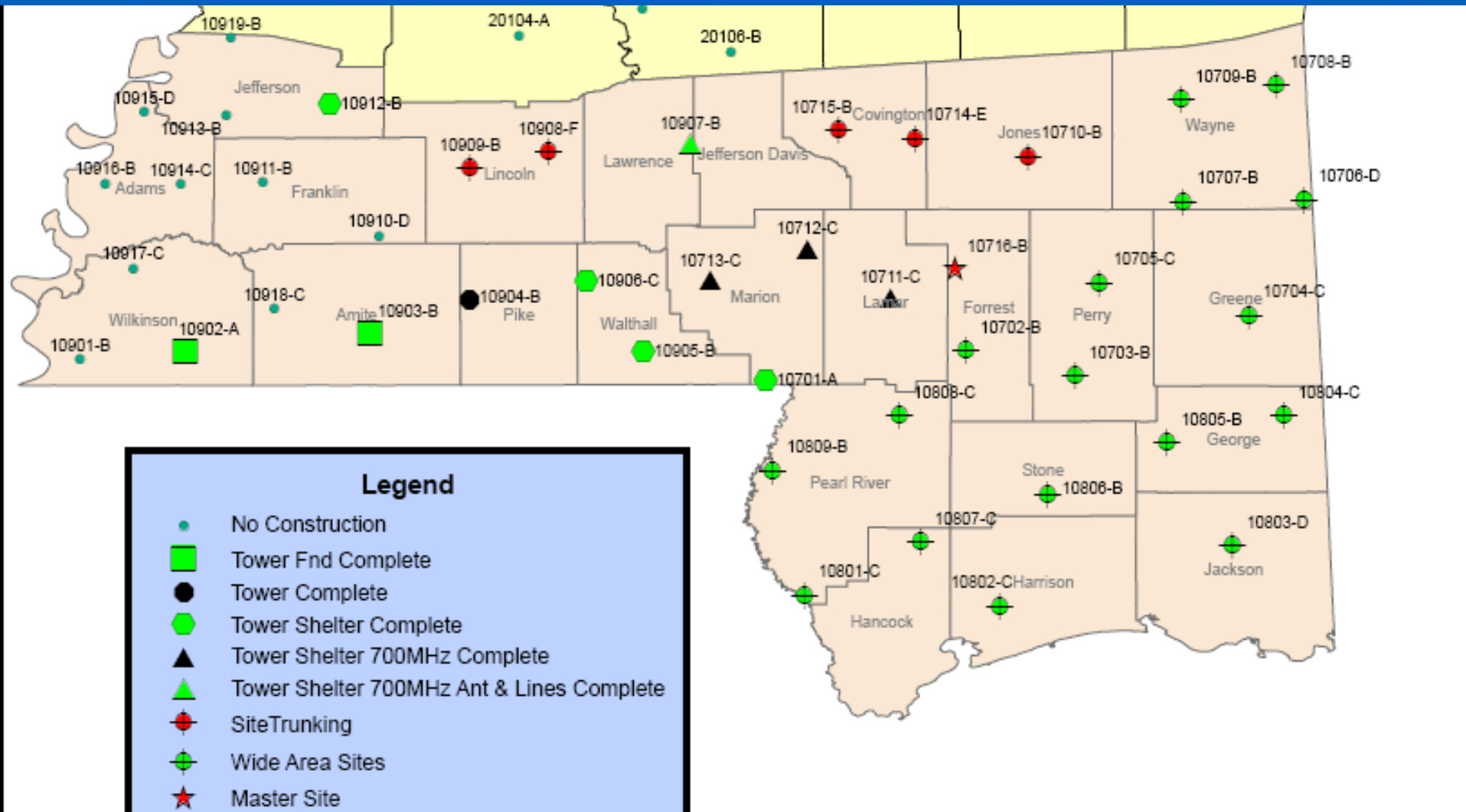
MSWIN Requirements

- Telecommunications Backbone
 - Microwave
 - Loop Protected
 - No more than 4 Sites on a Spur Route
 - At Least 2 paths between loops
- Shelters & Generators 4 feet above 500 Year Flood Plain

MSWIN Status

- **Southern Phase – 44 sites:**
 - 18 sites currently in Wide Area Trunking
 - 13 towers standing
 - 13 sites under construction
- **Central Phase – 52 sites:**
 - All sites identified
 - Due Diligence Underway
 - 12 Sites connecting Southern area to Jackson scheduled for June 2009
- **Northern Phase – 47 sites**
 - All Sites Identified

MSWIN Status 03/20/09



WCC

- Interoperability and Governance



Katrina Lessons

- State response agencies operating on obsolete disparate systems
- No interoperable platform
- No emergency power for public or state communications
- Cell and or radio systems connected by PSTN
- No plan for communications with multi-state responders
- Agencies not self sufficient for any length of time
- No planning exercises covered the Katrina scenario
- Prior to and after Katrina still lot of lip-service to communication

WHAT WE HAVE NOW



Interoperability Initiatives

- MSWIN system equipped with gateway equipment
- State purchase of ACU1000 for each county
- A cache of approximately 600 portable radios at WCC
- Agreements with Harrison, Jackson, and Hancock Counties for MSWIN radio ID
- Interoperable talk group with Louisiana used during Gustav contra-flow
- PSIC grant funds available for other initiatives

Procurement Committee

- Review and approve any proposed state or local communication purchase with a life-cycle cost of over \$100,000
- Ensures purchases are interoperable with the MSWIN system
- Evaluate new technology compatibility with MSWIN
- Ensure taxpayers receive the best benefit

Current Interoperability



Governance and Interoperability Committee

- Develop policies and procedures for joining the system
- Work with state and local agencies on disparate system interoperability
- Develop PSIC grant guidelines
- Review PSIC grant applications and award funding

WCC Staff

- Interoperability Review Process
 - Needs assessment of local agencies' current interoperability environment
 - Development of options for local interoperability solutions and connectivity to MSWIN

WE MUST BE CAREFUL

- ALL IS NOT WHAT IT FIRST SEEMS



The End

