

Orange County Transportation Authority



Radio Frequency Communications Quarterly Report



Board of Directors
June 25, 2007

Agenda

- Overview of Each Radio System
- Status of Fixed Route - Integrated Transportation Communications System (ITCS)
- Status of Community Transportation Services (CTS) Voice System
- Radio Consultant Study
- What's Next

Integrated Transportation Communications System



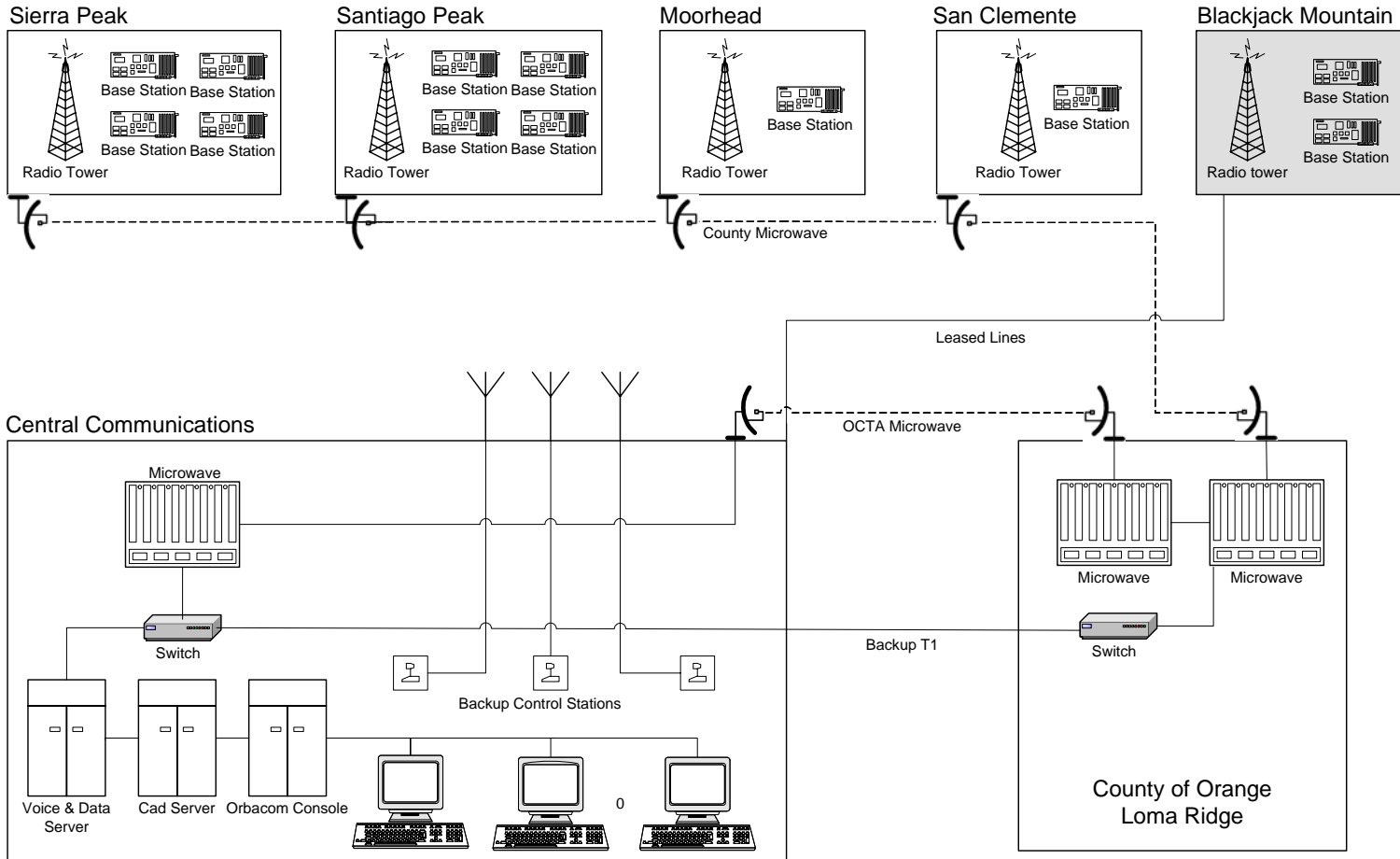
Supervisors and Sheriffs Vehicles



OCTA Fixed Route Fleet



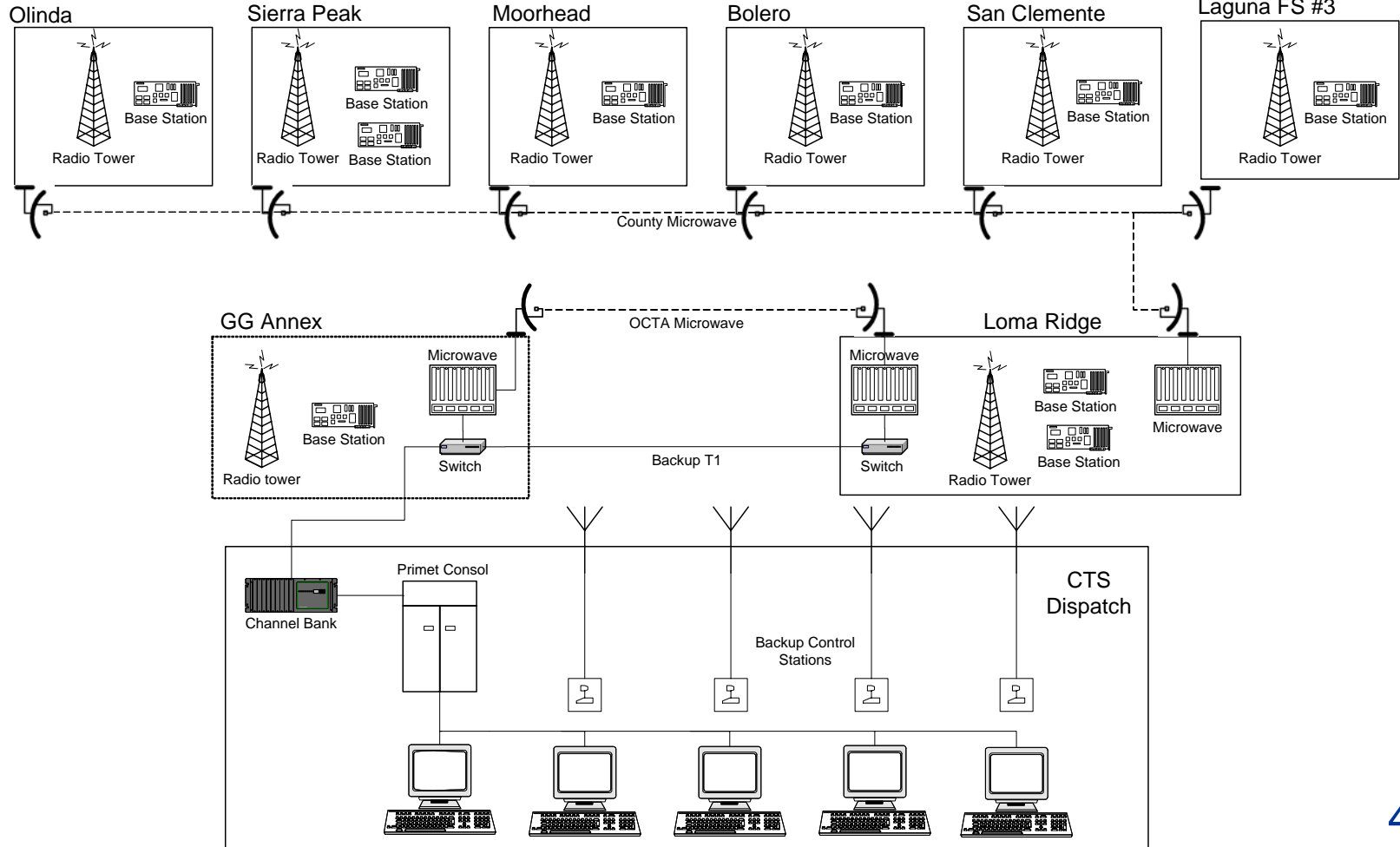
OCTA Service Vehicles



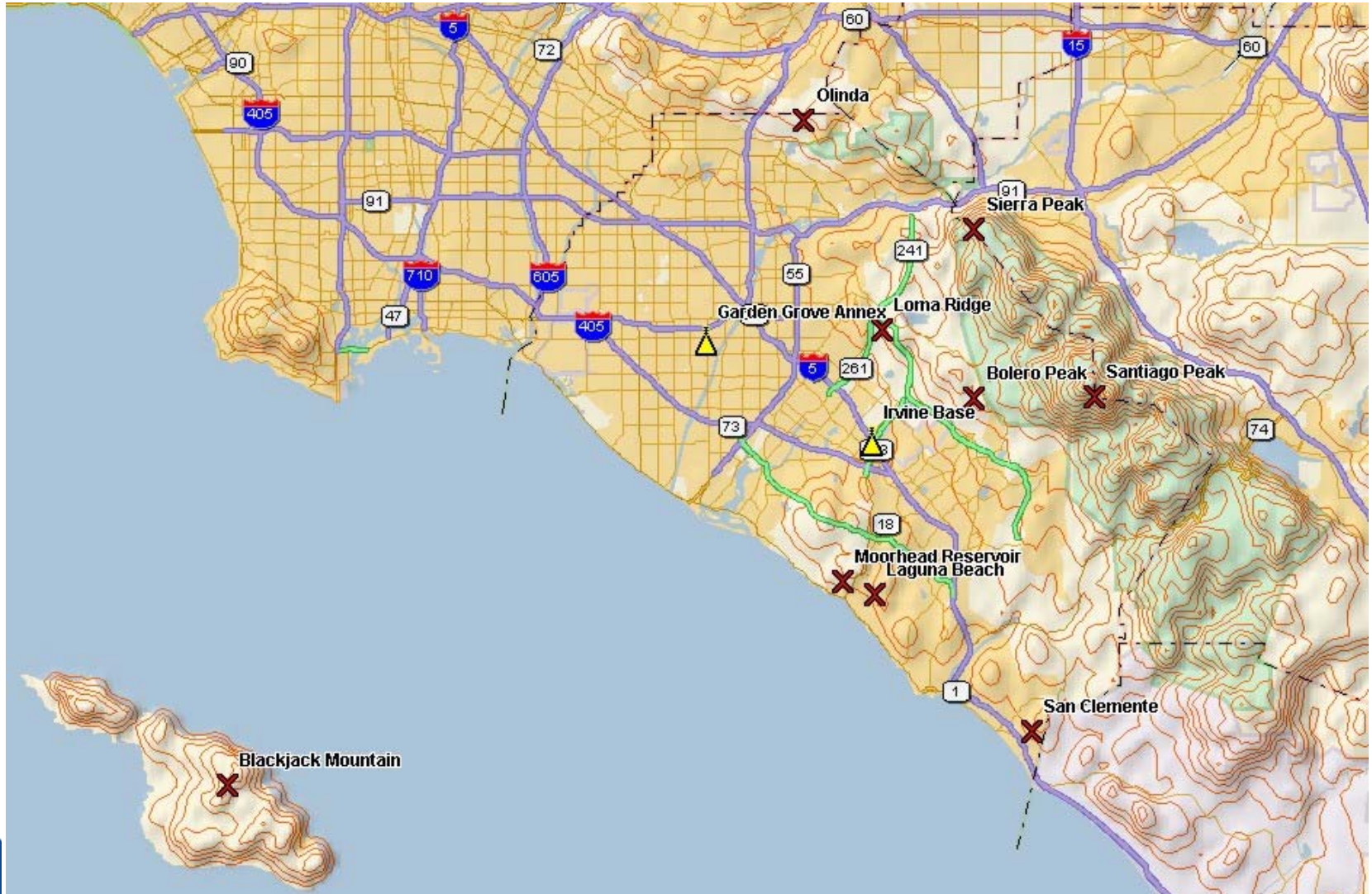
Community Transportation Services 500 MHz Voice System



OCTA Access Fleet



Radio Site Locations



ITCS Status

- **Completed**
 - Catalina Site Space Lease
 - Lease and Subscriber to County Radio Frequency (RF) Sites
- **Pending**
 - Catalina Equipment Installation
 - M/A-COM Service Contract

CTS Voice System Status

■ Completed

- Upgrade of Dispatch Consoles
- Agreement for RF Infrastructure Service

■ Pending

- Complete Radio Study
- Develop Specifications for Phase One Replacement of CTS Voice
- FY 2007-08, Secure Budget and Process RFP

Radio System Study Status

- **Completed Tasks**
 - User Needs Assessment
 - Define Future Requirements
 - Selected Options to Explore

- **Proceeding with Tasks**
 - Quantify/Rate Attributes of Options
 - Develop Implementation Plan
 - Develop Technical Scope of Work
 - Load Study of County RF System

What's Next

- Continuation of Radio Study
- Develop Scope of Work and Evaluation Criteria for CTS voice upgrade
- Phase One of CTS System Request for Proposal (RFP)