

# Radio Frequency Communications Quarterly Report

Board of Directors Meeting  
October 23, 2006



# Agenda

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- Status of Integrated Transportation Communications System (ITCS)
- Recent accomplishments
- Radio consultant study
- State of 500 MHz Community Transportation Services (CTS) Voice System
- What's next

# ITCS

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- Catalina site progress
- M/A-COM service agreement
- Agreement with County of Orange
- Mobile radio performance

# ITCS Accomplishments

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- Minimize “cell” site interference
- Mobile communications vehicle
- Staff/Technician training
- Preventive maintenance
- Scheduled systems tests

# Radio Study, Eiger

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- Completed tasks
  - User needs assessment
  - Define future Requirements
- Proceeding with tasks
  - Investigate/rate options
  - Develop implementation plan
  - Define emergency communications provisions

# CTS 500 MHz Voice System

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- First phase of radio study
- Interim upgrade of dispatch console
- State of radio frequency (RF) infrastructure
- State of mobile equipment

# Dispatch Console

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- Comparison of existing and newer dispatch consoles



# ITCS Computing Projects

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- Mobile Intermediary System (MIS) Replacement
  - First phase deliverable in test
    - Provides system protection in short-term
    - Provides improved support capability in long-term
  - Second phase deliverable in development
    - Long-term MIS solution
    - First project of several to refresh the computing platforms in the ITCS



# What's Next

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- Complete radio study
- Proceed with remedy for CTS
- Request approval to execute
  - M/A-COM service agreement
  - Upgrade CTS dispatch console
  - Catalina as an additional RF site
  - Execute procurements for additional computing infrastructure upgrade projects