Port Emergency Radio System

Briefing to the Port of Seattle Commission
October 9, 2012

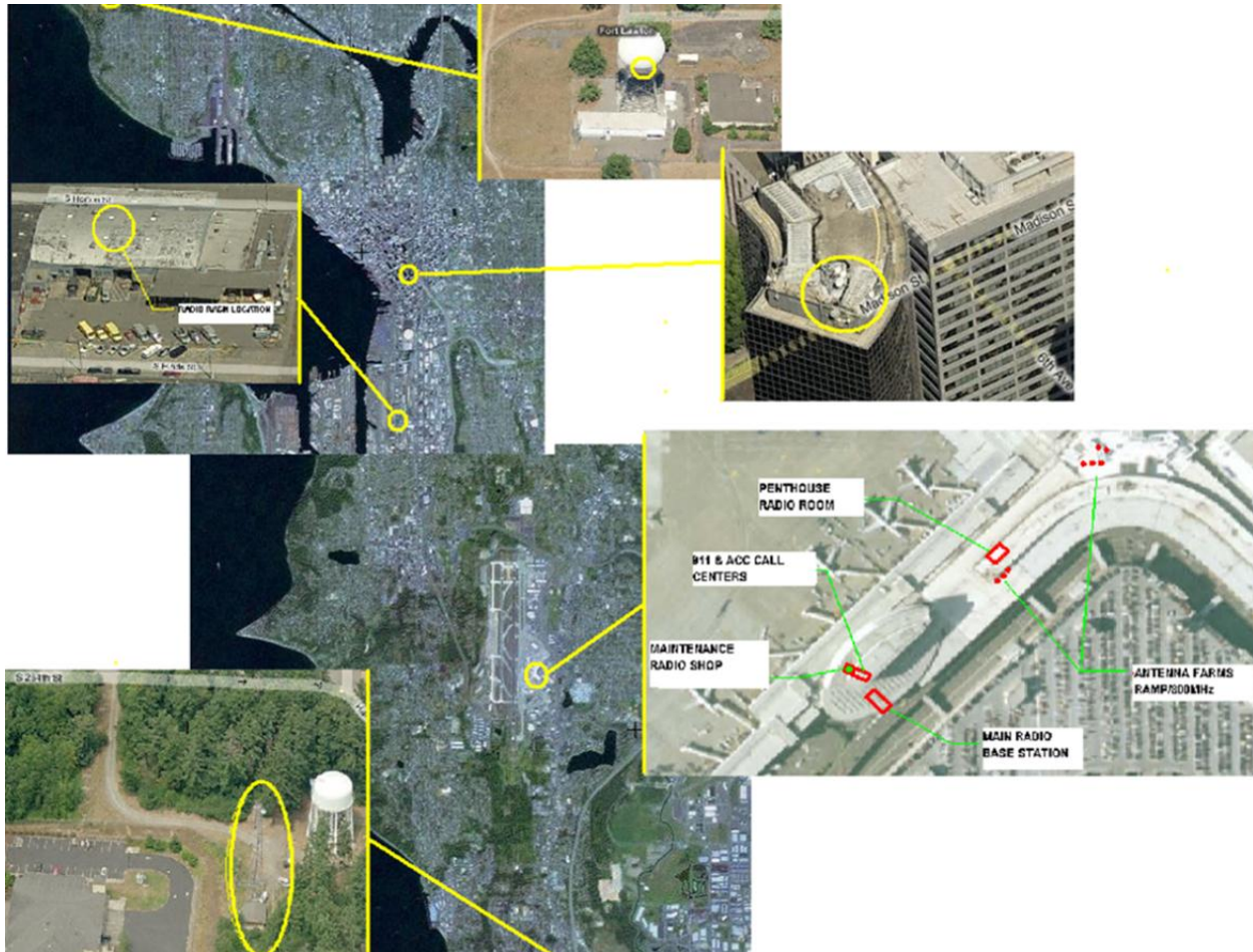# Key Systems
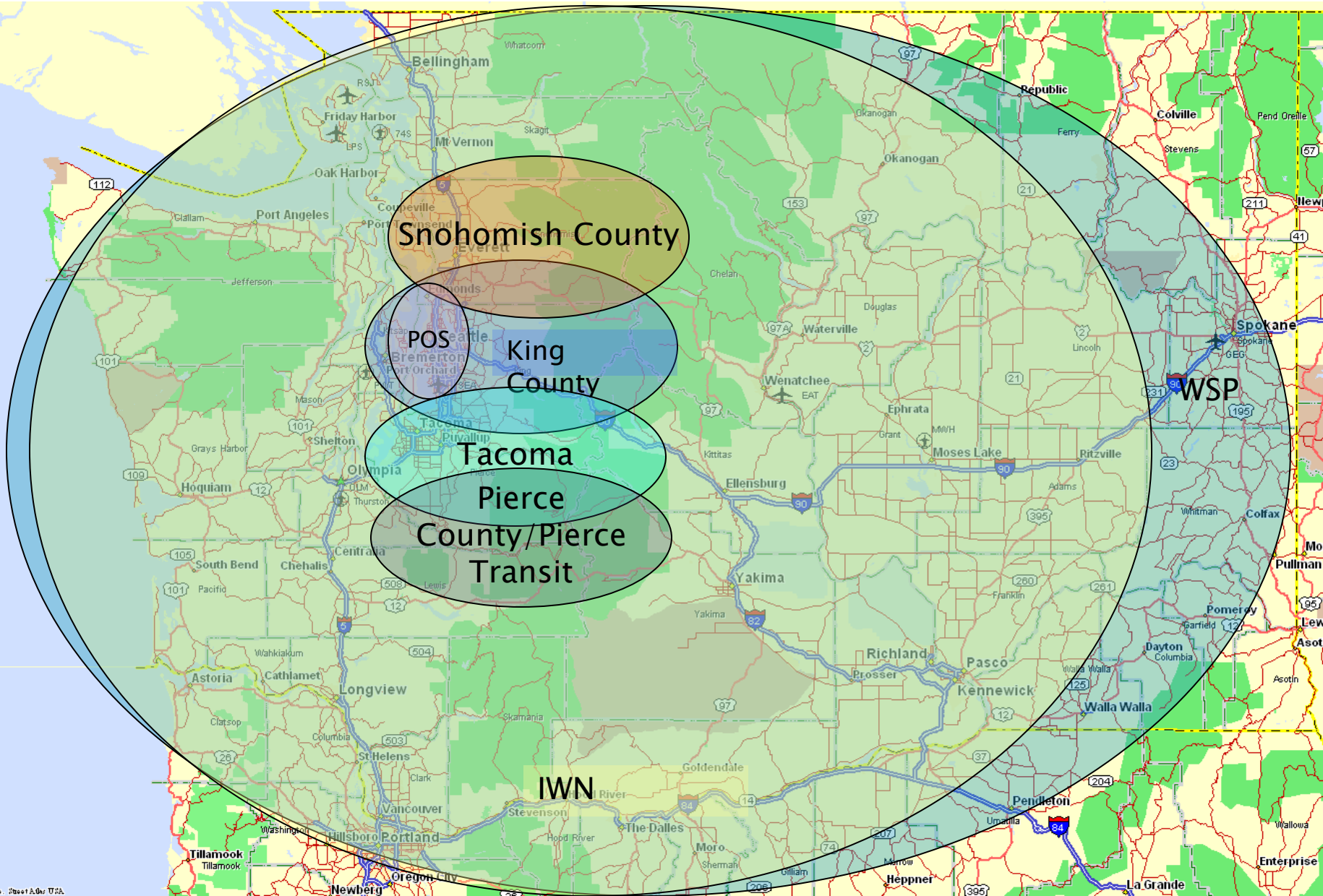
Radio System Core

P25 RADIO SYSTEM CORE

POS Radio Tower Locations

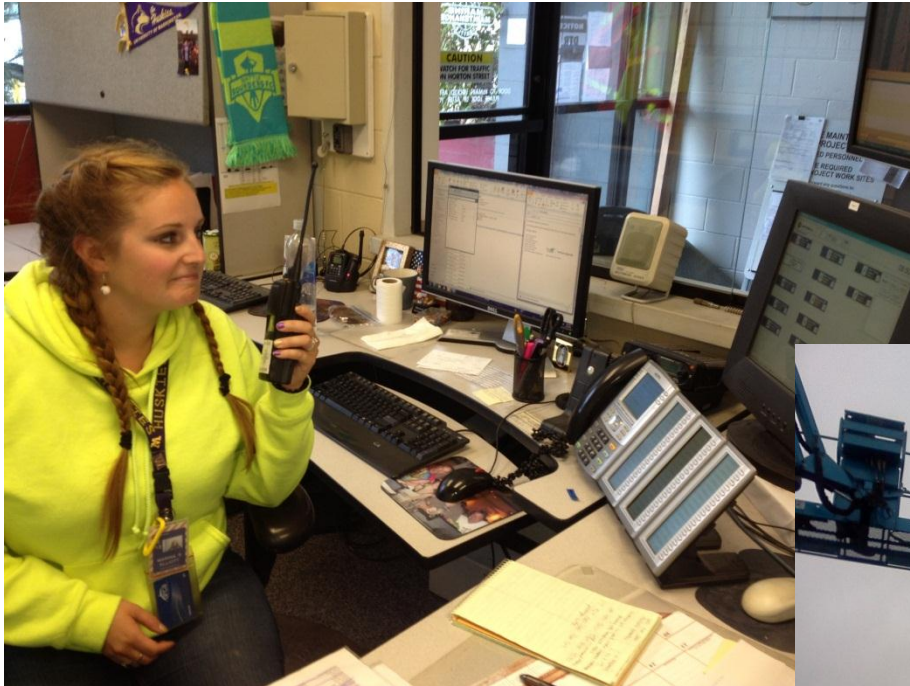# 911 Radio Console Stations

Fire

Police

Marine Maintenance

Airport Maintenance and Airfield Operations

Objective:

Ensure continued full reliability (100% "up-time") for both daily and emergency Portwide operations even if other partners' radio systems have outages.

Questions – Shared Radio Systems

- Are there longer-term consequences and costs that cannot be foreseen now?

- Are there shorter-term operational complexities and costs in sharing radio facility elements now?

Next Steps:
Partner with King County Staff

▶ Possible alternatives for closer cooperation and merging portions of systems
  ◦ Develop scenarios that inform future policy decision
  ◦ Assess Port mission capability
    · Radio coverage across Port facilities
    · Underground facilities: trains, tunnels
    · Airport federal linkages: FAA, TSA
    · Large scale regional emergencies
  ◦ Identify near and long-term costs
    · Capital upgrades over time
    · Annual maintenance costs
    · Software changes