



Radio Communications Briefing

Sumter County Board of County Commissioners
Workshop
October 19, 2010

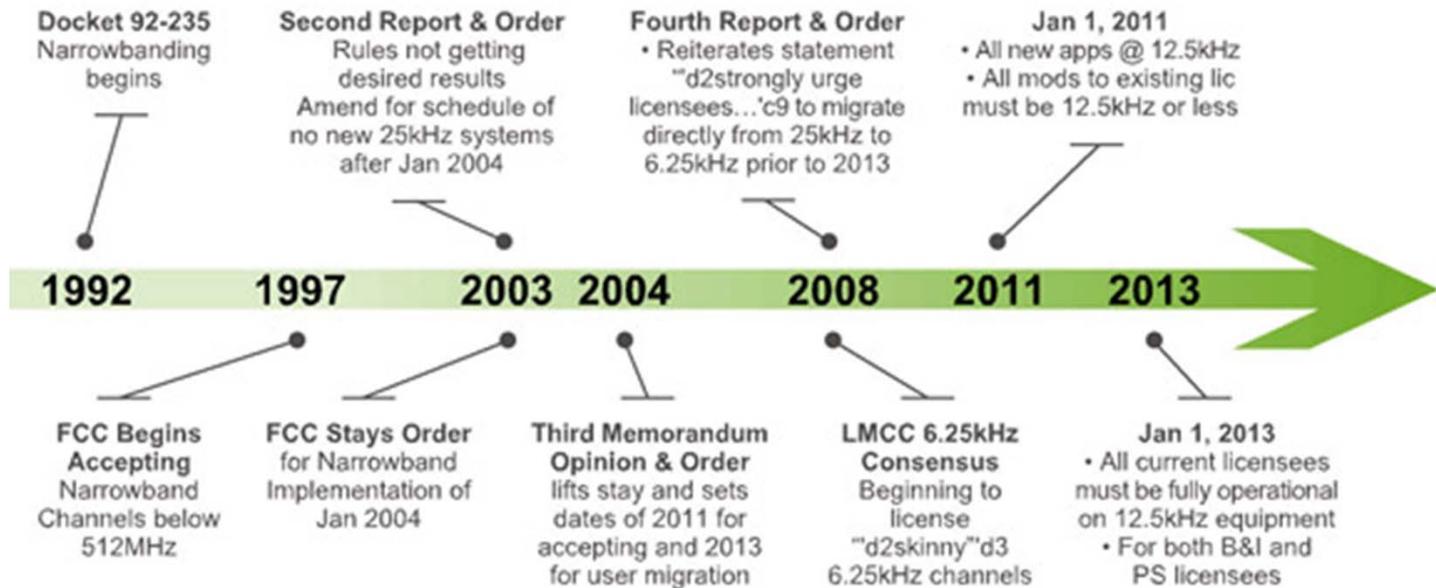


Information Points

- FCC Narrowbanding Mandate
- Interoperability

FCC Narrowbanding Mandate

FCC Timeline





FCC Narrowbanding Mandate

- On or before January 1, 2013; the FCC requires that all existing licensees implement equipment that is designed to operate on channel bandwidths of 12.5 kHz or less.
 - Note; current equipment in service operate on 25 kHz.
- This requirement does not apply to frequencies that are licensed solely for paging.

FCC Narrowbanding Mandate

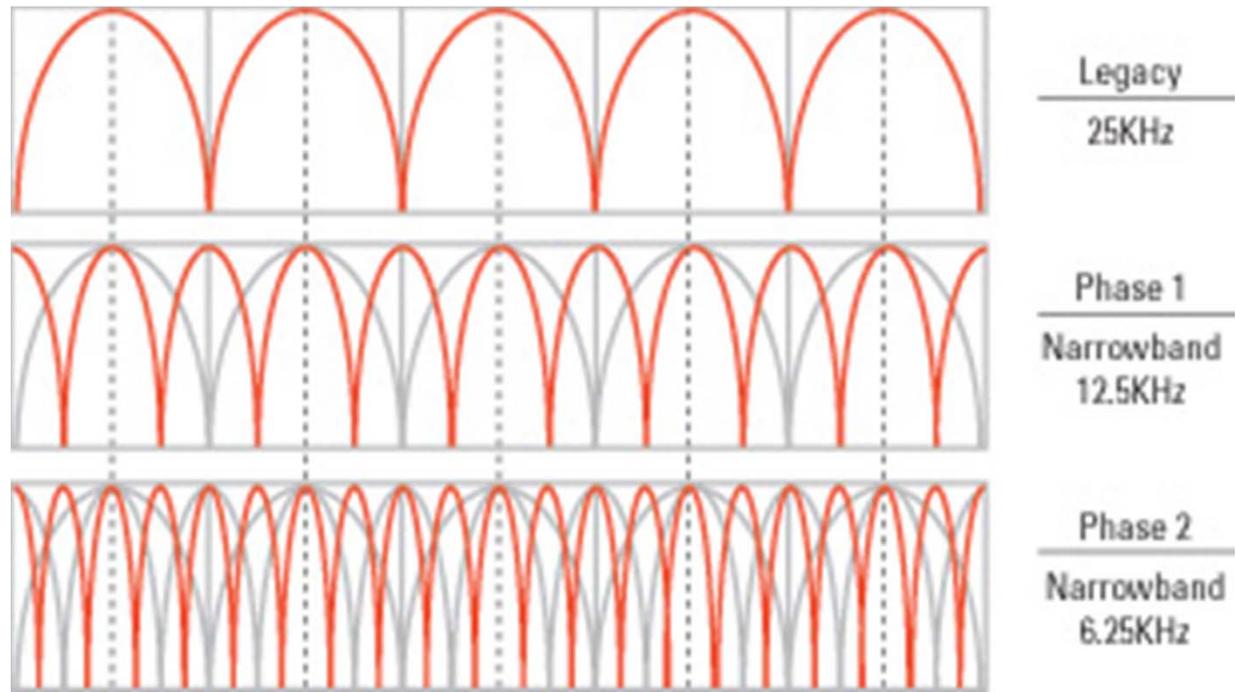
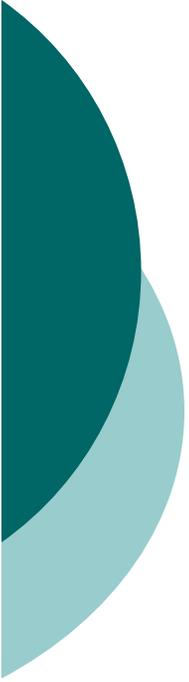
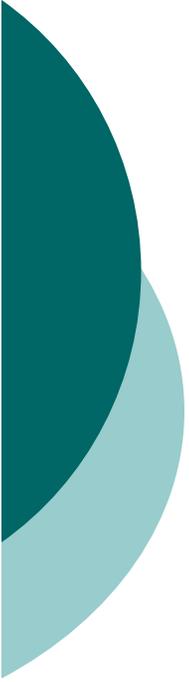


Image from Advanced Wireless Telcom Website, 2010



Sumter County Radios

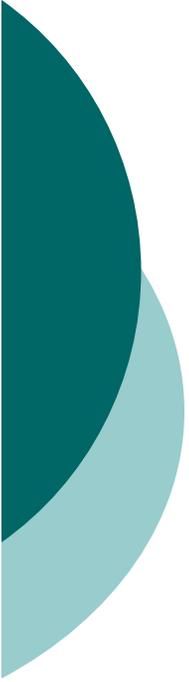
- All public safety agencies in Sumter County communication on VHF frequencies with the exception of the Villages Fire Department, Lake/Sumter EMS, state and federal agencies.
- All of the counties that share a border with Sumter County have already converted to 800 MHz radios.



Interoperability

According to the NECP:

interoperability is the “ability of emergency responders to communicate among jurisdictions, disciplines, frequency bands and levels of government as needed and as authorized.”

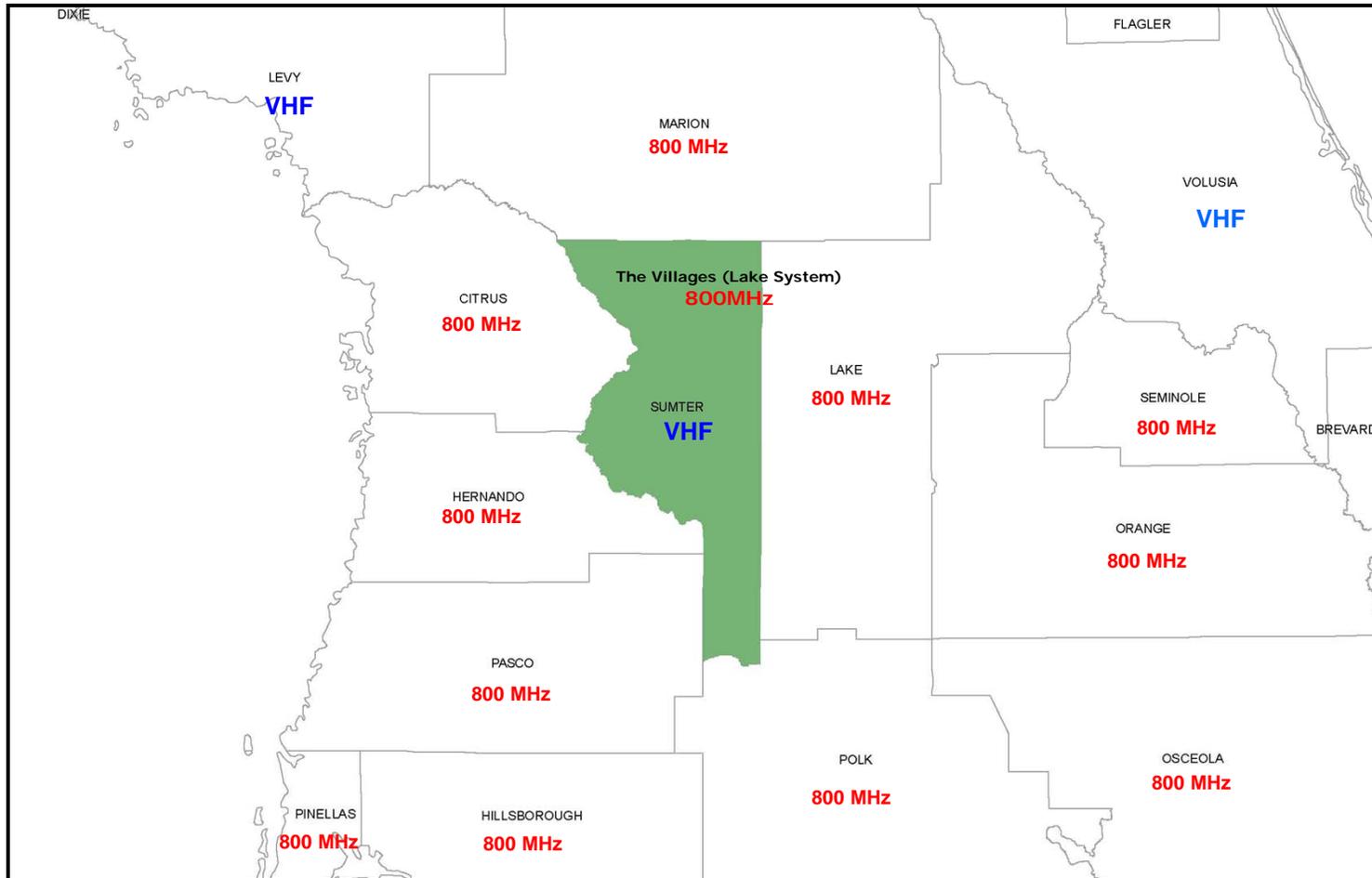


Interoperability

In more simplified terms:

interoperability is a radio communications system that allows fire to talk to police and EMS while also being able to speak to emergency responder agencies from neighboring communities.

Sumter and Surrounding Counties

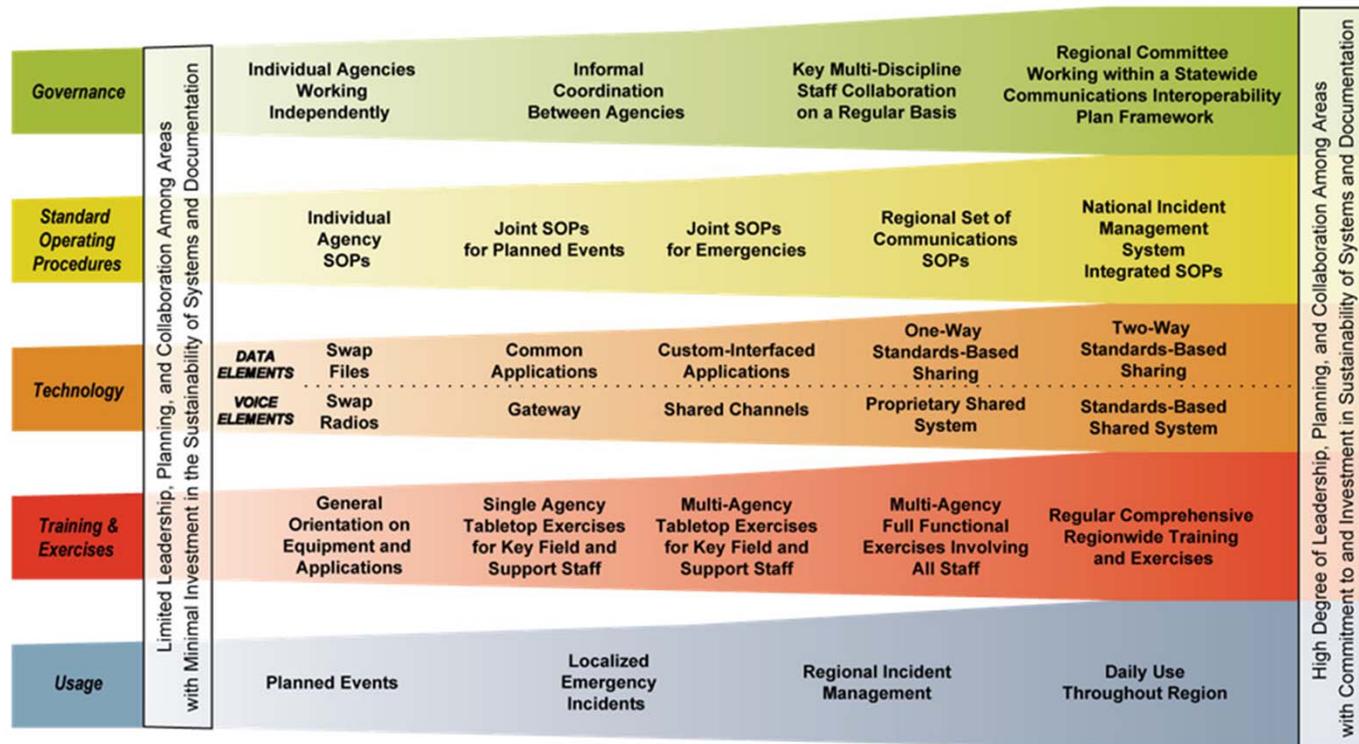


The Interoperable Process



Homeland Security

Interoperability Continuum





Questions?
