



County of San Luis Obispo General Services Agency

## COUNTY INFORMATION TECHNOLOGY

Janette D. Pell, Director

Guy Savage, Deputy Director

From: Phil Henry  
Communications Manager

To: All Department Heads

Date: March 12, 2009

Re: Budget implications of the FCC radio "narrowbanding" mandate

Effective January 1, 2013, the Federal Communications Commission (FCC) has mandated that private land mobile radio systems – including State and local public safety systems – move to a narrowband schema. This change will make more efficient use of the radio spectrum and will allow more channels to exist within the given frequency ranges.

To conform to this mandate, the County is transitioning its radio systems between now and the end of the 2011/12 budget year. All County departments must replace outdated radios not meeting the new standard during this timeframe. It will be illegal to use old equipment after the mandate takes effect.

GSA-IT Communications has been specifying and deploying radios that conform to the FCC narrowbanding mandate for some time as part of the normal upgrade process. However, there are still a number of radios in use which do not meet the new requirements. Departments bringing non-conforming radios to Communications will be told that the radio needs to be replaced.

Each department must budget for new radios where replacements are required. To assist in this process, GSA-IT is providing two years advance budget cycle notice. The attached pictorial guide shows examples of older obsolete equipment and also shows equipment currently being deployed that meets the new standard. The guide will help departments determine whether they are using equipment that must be replaced. GSA-IT recommends that departments use an estimate of \$600 per radio to budget for replacement units.

If you have any questions about this process, please contact GSA-IT Communications (781-5129) for assistance.

[signed]  
Phil Henry  
Communications Manager  
GSA - Information Technology

# Obsolete Radio Equipment

Version 1.0  
Updated 12/12/08



**Motorola GP300**



**Motorola MT1000**



**Motorola P110**



**Motorola GM300**



**Motorola M216**



**Motorola MaxTrac**

# Obsolete Radio Equipment



X



X

*GE Phoenix*



X

*GE MVS*



X

*GE Ranger*



X

*GE MPD*

# Obsolete Radio Equipment

*Kenwood TK630*

*Kenwood TK730*



*Kenwood TK830*



*Kenwood TK760*



*Kenwood TK860*



# Current Radio Equipment

*Kenwood  
TK290/390*



*Kenwood  
TK280/380*



# Current Radio Equipment



**Kenwood  
TK2140/3140**



**Kenwood  
TK2160/3160**



**Kenwood  
TK2180/3180**



**Motorola  
HT1000**

Motorola HT1000



**Motorola  
MT2000**



**Motorola Visar**

# Current Radio Equipment

**Kenwood  
TK790/890**



**Kenwood  
TK7150/8150**



**Kenwood  
TK7180/8180**



**Kenwood  
TK780/880**

