COMMUNICATIONS SPECIALIST GROUP

BEST PRACTICES DOCUMENT
FOR THE
RELM KNG P & CMD RADIO

PREFACE

Through programming and training fire departments, it has become apparent that there is a need for standardization of the way these radios are programmed and that training is conducted in a specific standard.

RELM Wireless has established the KNG WORKING GROUP. This Group is compromised of representatives from CalFIRE, US Forest Service, fire department cooperators and Subject Matter Experts (SME). The Group has established guidelines that are contained within this document.

The Firescope Communications Working Group has adopted the already designed program that CalFIRE has had in operations since early 2015.

These standard practices are for the programming files. They are made so the radio can work to its full potential. The following are the MINIMUM files that are to be programmed into the portable and mobile radios.

As you review this document, it is comprehensive and follows the flow, folder by folder through the computer programming.

UNDER GLOBAL SETTINGS-CONVENTIONAL-BUTTONS

(Front Panel and/or 2 Side buttons)

- Channel Delete/Add
- Menu

UNDER GLOBAL SETTINGS-CONVENTIONAL-MENUS

Main Menu

- Backlight
- Zone Select
- Channel Scan
- Channel Scan List
- Control Lock
- Picklist-Tx CxCSS
- Squelch Adjust
- Monitor
- Cloning

UNDER GLOBAL SETTINGS-CONVENTIONAL-MENUS

Programming (drop down menu under Main Menu)

- Keypad

UNDER SYSTEM-CONVENTIONAL-CTCSS/DCS PICKLIST

- Input the California Standard 32 CTCSS Tones

UNDER ZONE-OTHER

- Incoming Clone (drop down Menu) ACCEPT the Zones that are deemed Command or Incident Zones. REJECT Zones that should not have channels changed in them
- Check the box for making the current Zone a COMMAND ZONE or not.

The following will explain why these are the MINIMUM Standards

CHANNEL ADD+/DELETE- without this button the user cannot ADD or DELETE channels to and from a COMMAND ZONE or INCIDENT ZONE

MENU- this button will open up the settings that are not PROGRAMMED into the FRONT or SIDE BUTTONS

BACKLIGHT-the backlight can be adjusted to ON/OFF/BUTTON PRESS or 1-6 seconds. This will reduce battery consumption

ZONE SELECT-this will allow the user to select a different ZONE

CHANNEL SCAN-this will allow the user to select the channels that they want to SCAN in the zone they are in

CHANNEL SCAN LIST-this allows the user to see what channels are being scanned within the Zone they are in

CONTROL LOCK-this allows the user to lock the items that have been programmed in the CONTROL LOCK MENU. This will allow the user to lock the keypad buttons that have been selected

PICKLIST-TX CxCSS-this allows the user to pick the transmit Code Guard (CTCSS) on a per channel basis

SQUELCH ADJUST-this allows the user to adjust the squelch level if a weak signal is detected

MONITOR-this allows the user to open up the frequency and bypass the programmed CTCSS Tone that is programmed for repeater and tactical frequency access

CLONING-this allows the user to clone the group or the entire radio to either another portable or a mobile radio. Without this feature being activated, the COMMUNICATIONS TECHNICIAN cannot easily program the radio during an incident where a frequency needs to be added to the radio.

PROGRAMMING KEYPAD-this allows the user to keypad program frequencies without the use of a computer

CTCSS TONES-without these California Standard Tones programmed, the user cannot access different repeaters or tactical channels

INCOMING CLONE-the program is "preset" to REJECT a clone from another radio. You must use the pull down menu and change to ACCEPT a clone for the COMMAND or INCIDENT ZONES.

KNG P & CMD Firescope Standard Practices v16b