



COMMUNICATIONS SPECIALIST GROUP

BEST PRACTICES DOCUMENT FOR THE RELM **KNG S** 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 comprised 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.

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.

CHECK MARK THESE BOXES

UNDER GENERAL

Tx Timeout-minimum 60seconds

Scan Hold Time-2.5 seconds

UNDER KEYPAD EDITING LOCKOUTS-CHANNEL SETTINGS

Rx Frequency

Tx Frequency

UNDER KEYPAD EDITING LOCKOUTS-PICK LIST

CxCSS Pick List

UNDER MENU/CONTROLS-MAIN MENU *(the following can be in either the MENU or programmed as one of the buttons/switches)*

Channel Scan List

Cloning

Backlight

Keypad Lock

Menu

Nuisance Channel Delete

Priority Scan

PRI CHAN Select

Picklist-Rx CxCSS

Picklist-Tx CxCSS

Repeater Talkaround

Squelch Adjust

Tx Power

Zone Scan List

UNDER PICK LISTS-USER GUARD PICK LIST

ADD all Firescope Standard 32 Tone Configuration

UNDER EACH ZONE-SETTINGS

Priority Options

Priority 1 – Priority 1 use MAIN channel

Priority 2 – Priority 2 OFF

Other Options

Zone Scan List – Enable

Incoming Clone

Either Accept or Reject each zone

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 GROUP 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.