

Illinois Valley Community Watch and Emergency Preparedness

2-way Radio Program / April 1st, 2018

This Program is also being integrated with the "I.V. Immediate Alert Notification System" (See separate sheet.)

With UHF/VHF Radio Information for Baofeng radios (*Baofeng Model Radios, at present, are our primary issued radios due to their affordability for the service range they cover and their integrational abilities with all other radio brands.*)

1. Daily Radio Check-ins are 5 minutes before and after the hour; (10minutes) Monday through Saturday.

At the top of the hour broadcast (transmit) a message, for example: "Radio Check this is "use Your First Name" then state your street, road, or land area location (sample - Chuck on Fir Drive / Dave at Forks Park) – does anyone copy?" Repeat 2 more times with 15-30 second pause in-between broadcasts. Be sure to hold the "Transmit Key" down for a 1/2 second before speaking and also after finishing your message.

IV Community Watch (IVCW) Radio Check in Times are at 9am, 12pm, and 6pm – using MURS 01, 151.820 Mhz, (PL code - the T-CTCSS is set at 100.0 hz.) Have others commit to a time to turn on their radios and to check in with you. Share briefly some information, chose one or more of the time periods. It should be a daily routine for a few weeks or more, to thoroughly familiarize oneself with the radios operations and to developing one's skill in relaying information, comfortably, in a timely manner. Training with others is fun and informative. Currently we have about eighty 2-way hand held radio VHF/UHF users in our I.V. area from Selma, Kerby, CJ, to Obrien, and Takilma. You can use a preferred channel, or the one your neighborhood watch is using. But we ask, in addition, that you check in with us at the IVCW-MURS01P channel. If we have programmed your radio it will be on Channel 025. See the Instructions below.

Key in three digits on the keypad to initiate the entry of a channel. 000 = NOAA1 on Channel 0 [zero] (If IVCW or I programmed your radio.)

NOTE: In the event of an emergency, phone, or power outage, radio training will not be available. Your radio may be the only lifeline you have to call for assistance. Learn to use it before the emergency.

Next important step is 'Monitoring' your radio

Sing up to our 'Radio On Call List', which includes instructions and training segments, with your neighborhood watch, or create your own monitoring schedule with other radio users and Neighborhood Watch(s) in your area.

FOR EXAMPLE: "Say I have a few hours at home, or gardening - etc. OK, I can monitor my radio from 12-3pm". Let others know and have them check in with you on your radio. Keep your radio with you, have it on your belt, in your purse, the car, etc. If an incident occurs relay information, keep a note pad handy. Also note distance and reception quality, dead and hot spot areas. Your car roof can acts as a reception dish, locate other high reception areas and ones inside your house, turn on the NOAA Weather Channel or FM radio feature – test reception, or have a radio user broadcast to you. If there is an emergency call 911 dispatch, by phone, first.

Additional Preparedness: Be alert, prepared, team up with others, build your buddy system. Have a partner, your radio, and smart phone with camera – ready with you, Pepper spray, flashlight, or your dog. Be a presence, and a "look out" person. The more of you there are watching your neighborhood or area the safer more effective and confidant you will be. Log incident/suspicious information and get photos. Make contact with CJ Citizens Patrol and neighboring watch groups. Sign up with our community Watch bulletin and email. Report incidences and theft to Sheriff's Office. A proactive community is building around you. There are several FaceBook Watch Groups to join.

The I.V. Community Watch Channel is 'MURS 01P' 151.820 hrz - Ch. 025*

The presets on all radios we program are also in the Schools guideline Packet – they are: IV Fire and MURS01P.

This channel, with repeater and messaging system is available to all watch/community users for radio check-ins, training purposes, relaying incident information and emergencies (but call 911 first). Someone or I will monitor this channel 24/7. We will assist in anyway we can, lawfully (emphasis on safety). The repeater also has a message system with three (3) 60 second capacity voice mail boxes. The first message box is at **82. Press the PTT (the transmit button) first then enter **82 using the key pad – then release the PTT button. The message will play. The **82 box will contain a current instructional message, and info. on meetings. There are two more voice boxes for Watch specific use. To leave and retrieve messages, do the following:

Box II: press transmit then **83, speak the message and then release the PTT transmit button, to retrieve it **84

Box III – Leave message **85, and to retrieve: **86. **82 is reserved for IVCW msg.

The IVCW Ken Rose Area Repeater (Ch. 025 MURS01P) has a range from Sauers Flat – Kerby and Cave Junction to O'Brien and Takilma, with some areas reachable West Selma (we need another repeater there, and one East Holland Loop/Caves Hwy are). Currently it is on Simplex mode, one channel. This repeater will receive a transmission, record it, and then repeat it. Transmission ends with a beep. If your radio is in range of the senders Transmission you will get their message twice, and yours.

GENERAL 2WAY RADIO - EMERGENCY INFORMATION

If there is a Large Emergency Event – the first Channel to Check on is the “Channel 3 Project” (All Radio Users) MURS 03 - 151.940 (no PL tone) Ch. 027 / FRS 03 - 462.6125 (no PL tone) Ch. 013 / and CB Channel 3

[PL = Privacy Line or Privacy Tones or Code set to 0 zero] (Channel 027, and 013 refer to preprogrammed channels by I.V. Community Watch)

Josephine County Emergency (Services) Center JCEC = 146.460 – HAM – Ch. 060

• Ch 001 = 8 Dollar Mt. Repeater – Ham / Ch. 003 GMRS 8 Dollar Repeater for information, to, and From Grants Pass

(Purpose: to communicate with Grants Pass and beyond. These channels are for FCC licensed users, but note, “If you have an emergency and no other means of communication, use it!” But it’s open to everyone to monitor any channel/frequency.)

• MURS = Multi-Use Radio Service. FRS = Family Radio Service – most of your small radios sets are FRS. Your Boafeng radio, if programmed by us, is capable to communicate with them.

FOR MONITORING FIRST RESPONDERS “ONLY” (*If we have programmed your radio.)

030 SHERFDI = Sheriff Direct / 034 IVF DIR = I.V. Fire Department

033 OSP = Oregon State Police / 036 AMR = Ambulance Service

[Normally you should always go through 911 dispatch with emergencies. There is exception when there is no other means of communication. We can brief you on the matter. If you have a service background, in using radios, you understand the protocols and command structure guidelines, ICS, that are used regarding county emergency services and dispatch. If you have no other means available, broadcast you emergency situation, comprehensively as possible to dispatch. New radio users are not issued the transmit codes, they are disabled, only can be monitored.]

2. Radio Operation Guides for Boafeng / as people get other models we will tailor these guides to suite

Be familiar with your basic Menu item settings. Read the operations booklet with the radio. Google “Bofeng tutorial” on youtube. Baofeng radios will operate at a 4 watt (aprox.) output, or 1 watt. (and the 8,4,1 multi Watt units) Switch to 1 Watt for close range activity. (A small capital “L” will appear upper right on the display. 8 watt units have H,M,L = 8,4,1) Use your highest wattage setting first then go down and test. It saves your battery for longer use. The Baofeng will monitor for 2-3 days per charge under light traffic, scanning 1-1.5. When traveling in caravans’ the radios work well in cars. Purchase extra batteries and radios. There are also extended double capacity battery packs (sm pack -1800 and lrg-3800 mah) that you can purchase, 5 day use.

The # key, toggles, switches the transmit power setting.

Also Hold the # key down for 2 seconds and it will lock/unlock the keypad. Now you can’t accidentally change the channel you’re on when handling the radio.

- A little key will appear next to the battery indicator when lock is on. Press again for 2 seconds to turn it off.
- Remember to turn lock off when switching channels or from A to B bank using the blue button. The triangle indicator left of the channel or frequency number indicates the transmit channel/frequency. Be sure you are transmitting on your intended channel/frequency, easy to miss. Then reset your key lock.

Use your menu button for changing settings on your Baofeng

To move through your menu items, first select ‘menu’ then use the up or down keys (or select the menu item number 1-40) to move through the menu items. Hit menu again to change the setting of a menu item. Use up or down arrow to change setting, then select menu to confirm, then either select exit, or move to another menu item, repeat. There are 40 menu items in all. We have a list available of the menu items with extended details on settings. We can email you a copy to you.

Monitoring two channels at once. To Turn on, or off dual monitoring Select: “Menu; 7; menu; ‘up arrow (on)’; menu; exit” and then you can Monitor, IVF DIR and any another channel being used, like MURS 01, (the standard presets) and talk with others. Be sure the arrow on the left is on MURS 01, or the channel you want to transmit on (use the blue A/B button to toggle between banks A & B). Again- Learn to lock your radios, avoid accidental transmission on unintended channels.

The Baofeng UV-5RA is around \$30 at Amazon.com. Get an extra one for your self, and one as a gift to your family, or neighbor. Download the program ‘CHIRP’ follow installation guide. Order the computer USB cable that connects to your radio. I can email you the File of channels or I/we can program your radio for you. You can order your Baofeng radio and accessories on Amazon.

We are working on a more extensive and detailed radio tutorial. Contact me for a copy.

For HAM & GMRS operations in Cave Junction contact Charlie Foutch / 541-931-1381

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