

AUTOPATCH OPERATION (make a phone call)

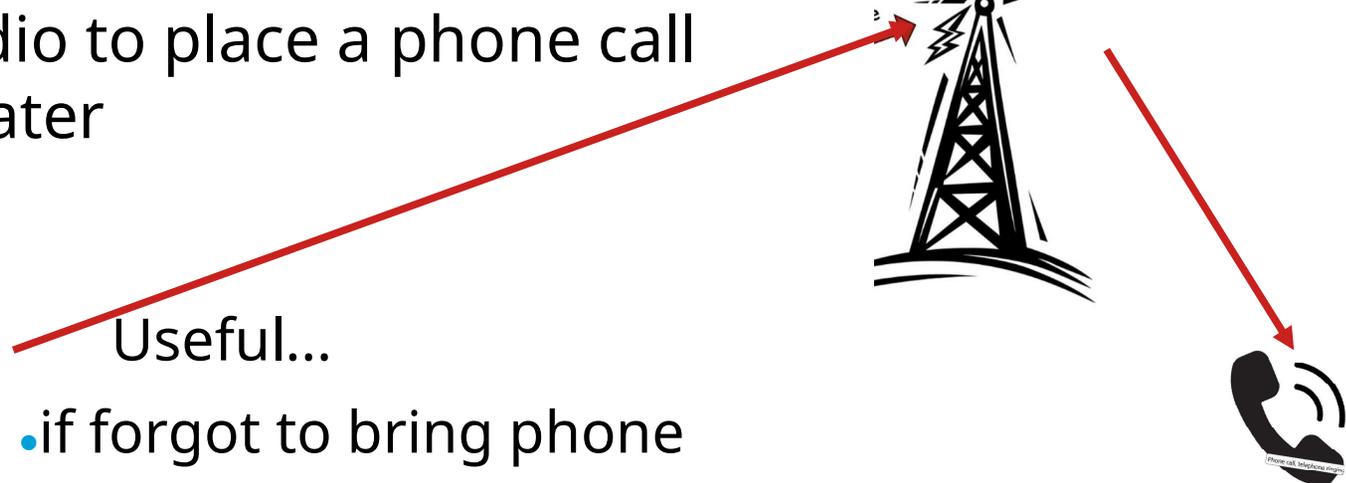


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CV's AutoPatch-capable repeater: 146.62 MHz above Mt. Washington Alpine Resort's Eagle Chair

Use your radio to place a phone call
via the repeater



Useful...

- if forgot to bring phone
- if phone out of battery or broken
- in areas where the phone has no bars
- to hear the ring of your misplaced phone

1 Not many repeaters have AutoPatch

- Repeaterbook – look in “details” to see if AutoPatch is there
- On Vancouver Island...
 - Victoria 146.84 MHz repeater – states Autopatch as a feature
 - Campbell River 146.96 MHz repeater – AutoPatch code: *96 (UP), # (DOWN)
 - Courtenay 146.62 MHz repeater – wrong code, should be *1 (UP), # (DOWN)
 - Parksville 147.28 & 444.2 MHz repeaters – states AutoPatch as a feature
- To get a dial tone, AutoPatch “up” code should start with *, usually followed by a digit (or digits)
- To hang up, use # as “down” (no digits)

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Public... so remember

- The complete phone call will be heard by anyone monitoring the 146.62 repeater
- Normal radio protocols apply
(say call sign before dialing etc.)
- AutoPatch success depends on the usual for transmission to the repeater: radio settings, power, line-of-sight, antenna

Autopatch

- Radio must have DTMF keypad (aka touchtone)
- Find * and # on your keypad
- All calls are long distance i.e. dial eleven digits
1-xxx-xxx-xxxx (that's 1 again... after you dialed *1)
- The person receiving the call sees
an unknown BC # (1-250-914-8814)
- Tell the person answering that you are making a RADI
phone call, consider using "over"



AutoPatch demo... listen on 146.62 MHz (VE7NIR)

KEY TIP: Always be holding in your PTT... to enter the * code, while dialing, when you talk, to press # to hang up

- Initiate radio TX. Hold in PTT, say your call sign & about to use Autopatch. Release
 - A) **Get Dial Tone:** Hold in PTT, press *1 (for “up”) on keypad. Release... hear dial tone
 - B) **Dial:** Hold in PTT, dial ELEVEN digits (1-xxx-xxx-xxxx). Release... hear dialing etc.
 - C) **Conversation:** Hold in PTT – talk – Release... other party may hear “click” on release
 - D) **Release the repeater from AutoPatch:** Hold in PTT, press # (for “down”) on DTMF, Release PTT... dial tone quits & repeater “chimes it’s own thing”
 - Finish radio TX. Hold in PTT, say your call sign & AutoPatch is done. 73. Release
- IMPORTANT: this also checks that the repeater was successfully returned to regular

AutoPatch practice

- Get your paper instruction slip
- Take your handheld outside to front of building
- Use your 146.62 channel (-0.6 Hz offset, 141.3 Hz tone)
- Phone your own phone (or other person ready for it)
- One at a time over the repeater