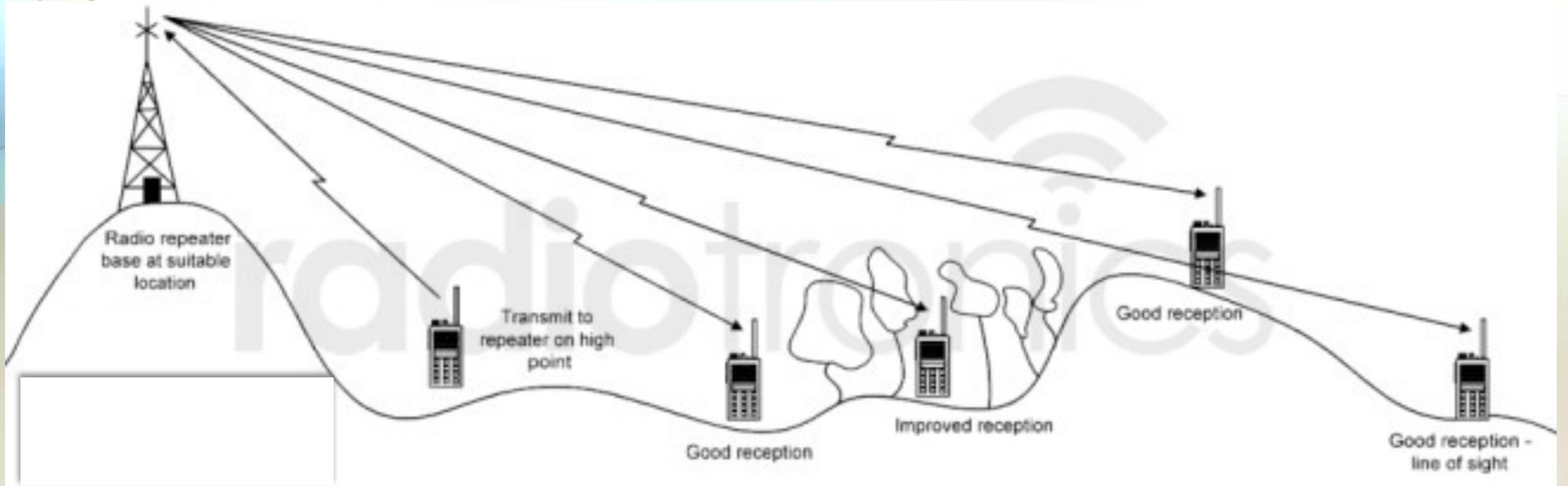


Multnomah ARES

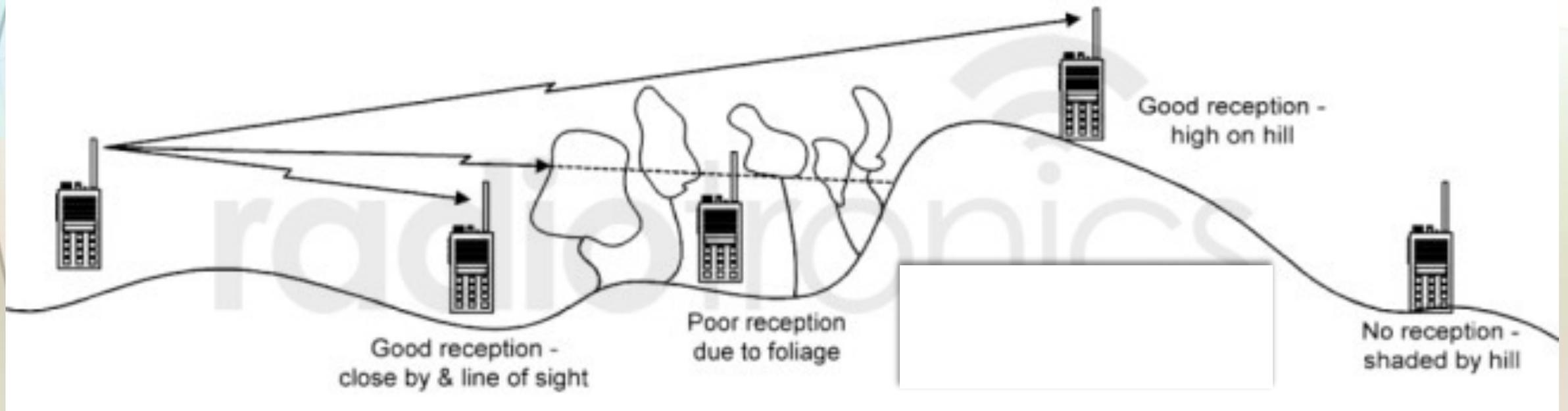
Repeater and Crossband Repeater Basics

What we've got and how we can use it

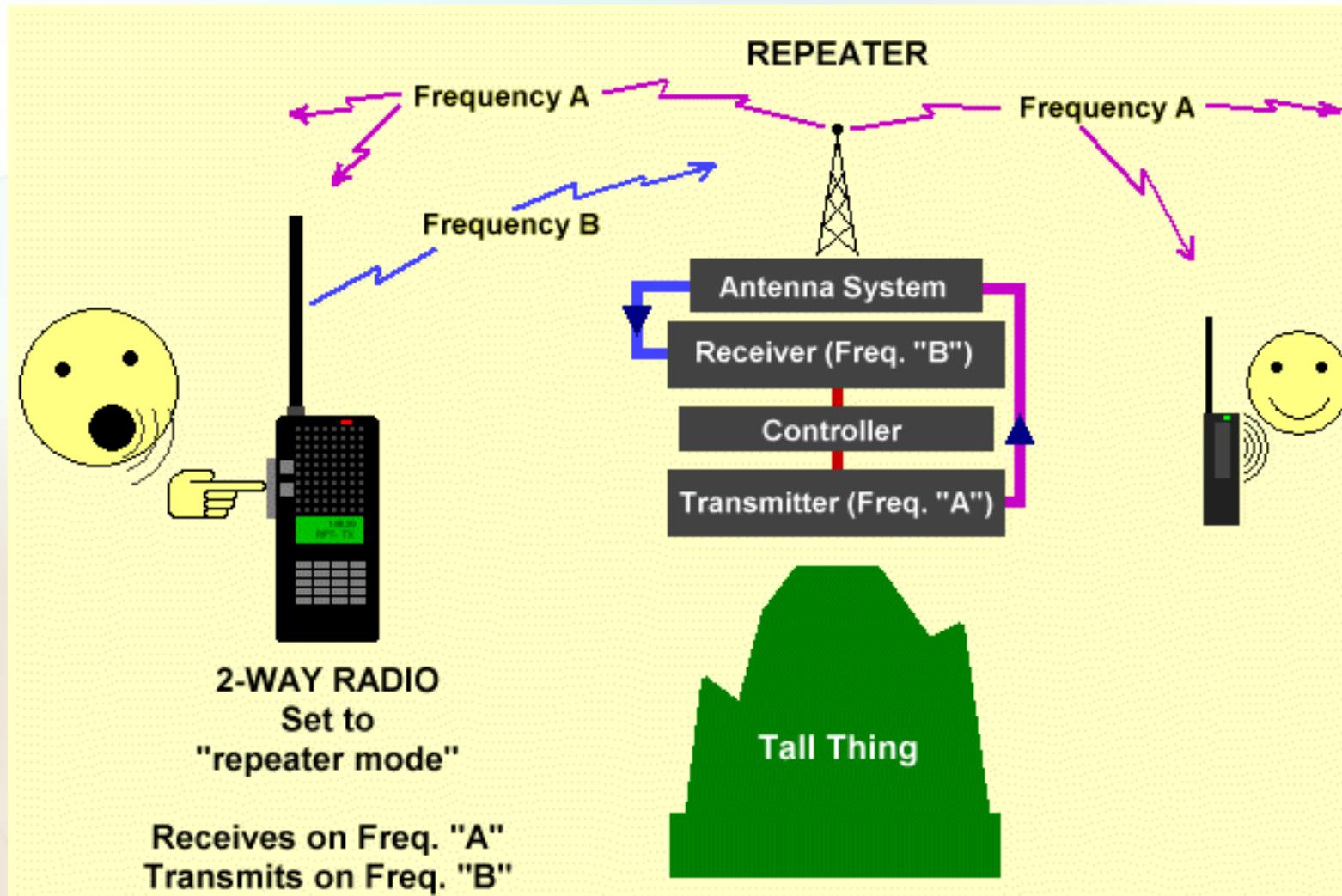
With a Repeater



Why do we even need repeaters?



How does a repeater work?



Why use a Crossband repeater?

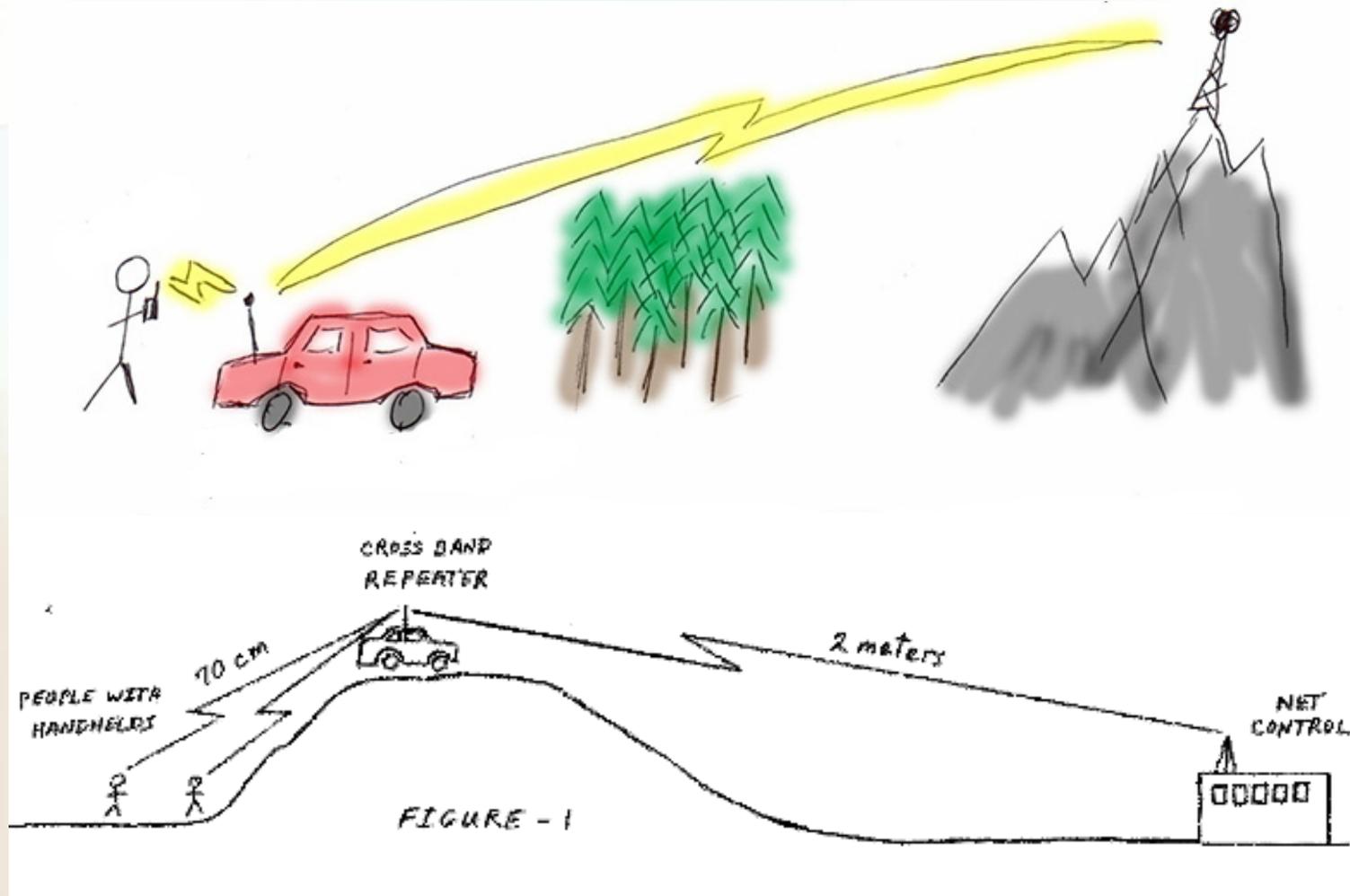


1. There are pockets of operators with poor signal to net control
2. To facilitate Inter-county communication
3. To bridge frequencies together

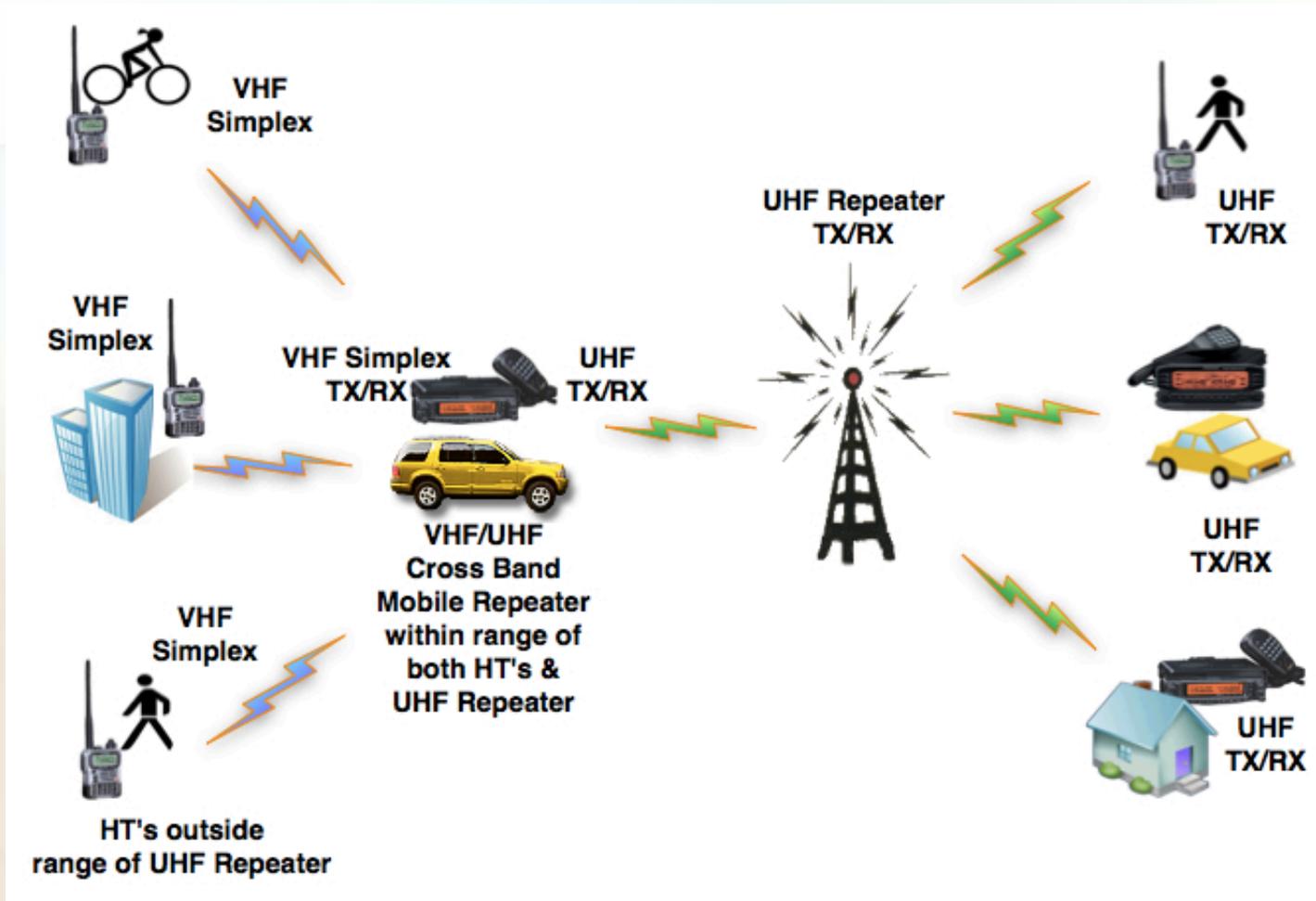


1. You want to just carry an HT but need a bigger signal
2. Facilitate race/event communications
3. Use six meters like a boss

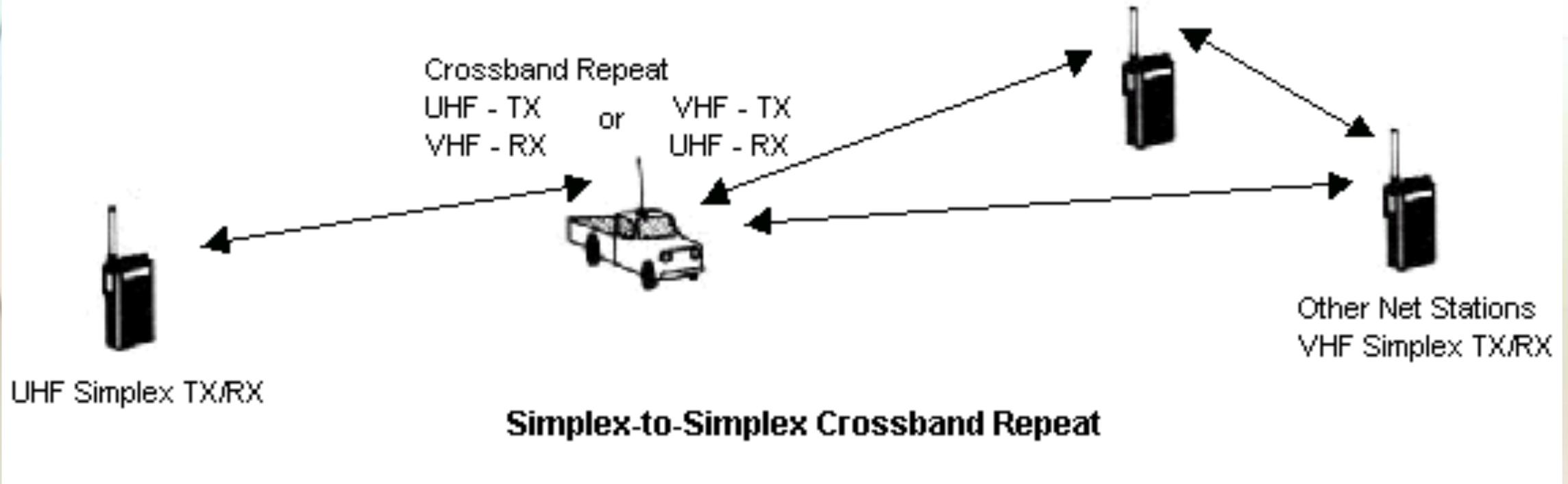
“Link” Crossband repeater



Link to another repeater

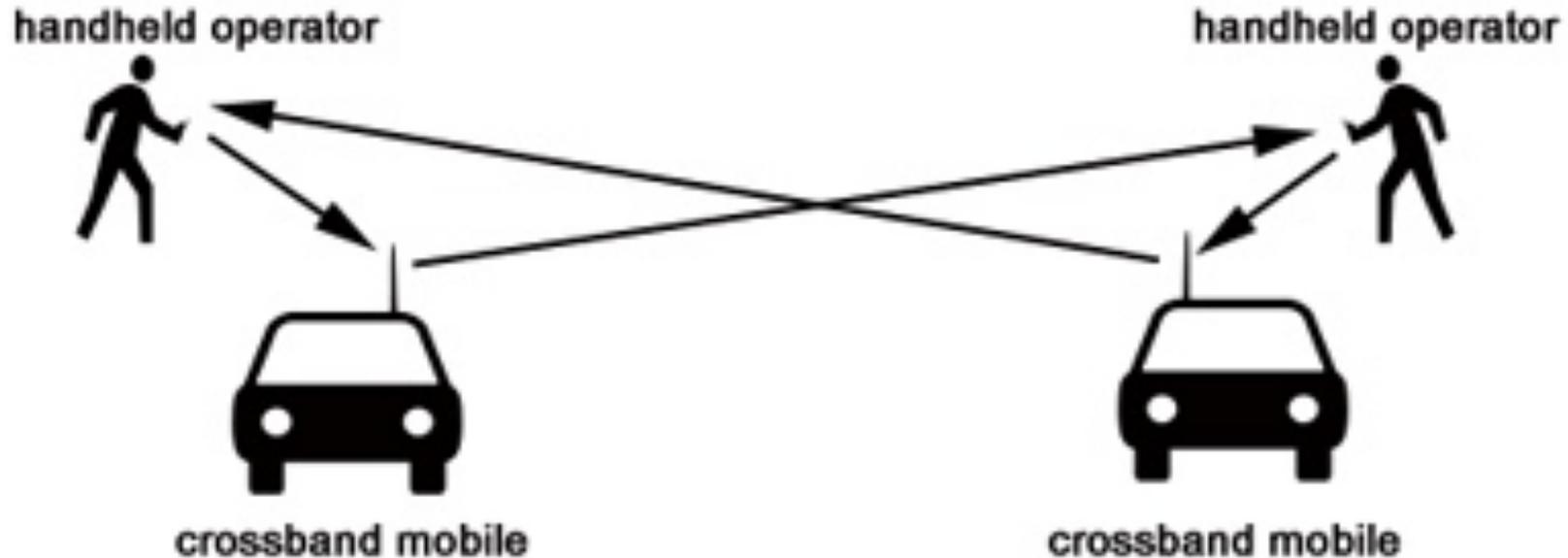


Crossband "repeaters"



“Link” Crossband repeater

Crossband Repeat Operation point to point.



In this example, two handheld operators transmits to individual crossbanded mobile radios, sending the signal on another frequency, to be received by the distant operator.