

# CHANNEL EXPANSION

BOWMAN 950 / COLT 480 / GEMTRONICS GTX 77 / RCA 14+302

1-Remove the case from the radio. Turn the unit upside down. Front towards you. Cut pins 9-10-11 next to IC and bridge the gap with a 3K 1/8 or 1/4 W resistor. Install a IN914 diode on pin 10 & 11 anode - towards the IC PL 202A or IC 1. Connect the cathodes together and run a wire to the ANL switch. This switch should ground in the on position. This allows 480 KHz. Run a wire from pin 9 of the IC to the NB switch. It should ground in the on position. This will allow 640 KHz up.

2-The VCO OSC. may need to be adjusted--Just a touch!

