

CHANNEL MASTER CB 6830

Connect a SPST switch between pins 3 and 13 of the M58472 PLL chip. This gives channels 27.285 - 27.575.

GENERAL ELECTRIC 3-5813A/3-5869A

First change ~~02A~~ 02A chip with 02A
Connect a SPST switch between terminal labelled E and 5 on board. This gives channels 27.425-27.565. Pull Q503 for maximum modulation.

MECTRON ME-402

On channel selector board cut the sixth trace and connect a SPST switch across the cut. This gives channels 27.405-27.595 on channels 11-27.

SPARKOMATIC CB 4020S

Behind the front panel cut the sixth trace from the left and add a SPST switch across cut. This gives channels 27.285 - 27.595 on 1-27.

A NOTE FROM BROWNING REGARDING PING

The "ping" ("squeal," "scream," "whistle," etc.) that was common in the older base stations; i.e., R-27/S-23, Mark II, Mark III; is alas, no longer legal for use in the Golden Eagle Mark IV. The Federal Communications Commission (FCC) has disallowed the familiar ping, and we have had to make modifications to the Mark IV in order to meet Type Acceptance.

The ping was caused by the screen by-pass capacitor on V206, storing the supply voltage (B+) on the receiver for a few milliseconds after the transmit relay opens the B+ circuit.

We had to remove the ping by changing the screen by-pass capacitor in the receiver from a 20 MFD, 450 VDC to a 2 MFD, 450 VDC. This action decreased the RC time constant to the point that the feedback would not occur.

Any modification to this circuit on the Mark IV would be in direct violation of FCC Rules and Regulations and would also void all warranty to the equipment.