

## STANDARD HORIZON 29A

For channel expansion below Channel 1:

- (1) Lift pin 19 from PLL and isolate.
- (2) Run a wire from pin 19 to one side of a single pole, single throw switch.
- (3) Run a wire from where pin 19 was connected to the other side of the switch.
- (4) This will yield 14 extra channels below Channel 1.

For channel expansion above Channel 40.

- (1) Cut and isolate pin #18 of PLL on radio.
- (2) Run a wire from pin #18 to the center pole of a double throw, single pole switch.
- (3) Run a wire from one of the outside contacts to the place where pin 18 was.
- (4) Then run a wire from VCC 5V to the other outside contact of the switch in one position. You will now have normal channels in the other position.
- (5) You will have the channel up to 27.805. The VCO may have to be adjusted for full coverage.

