

HINTS / KINKS / GOOFS

Have received great response to this column. Some items sent in were utilized elsewhere, as more of SERVICE/UPDATE nature.

(Remember items in H-K-G; do not receive a free volume; also this column is not indexed...)

Realistic PRO-2002 50-Ch. Prog. Scan.: There is a mod. for this unit! BUT - you lose the 30-50MHz band permanently at this time... When a solution to this problem is found will print the mod. (BW)

Problem: 02A AM Chassis: Low Power, Reverse Mod., when expanding the F_o's.
Solution: Replace C4 (68pf) with 100pf, replace C22 (2pf) with 5pf.....

Problem: 858 SSB Chassis: Warble on 'uppers', O.K. on normal F_o's in the SSB mode?

Solution: Readjust the VCO (L-17) a hair...Don't insert 3.3K resistors in series with C140/141 as some techs do!

Problem: 148GTL-DX: Regulator Circuit Transistors, hard to find?

Solution: TR-51, 2SA1012: ECG-378. TR-50, 2SB525: ECG-294.

Vol. 13, Pg. 52-55: Re.-Gunn Oscillator...CHEAP SOURCE FOUND--Radio Shack 'Household Burglary Warning System' #49-320. Has a 10GHz Gunn Oscillator AND a 12V/1.2AH Gel Cell inside! (Units are discontinued and often discarded by stores-as uneconomical to repair! I bought one for \$2.00)! Red wire is B+, Black wire is DC Gnd.. DON'T adjust the Gunn cavity screws unless you have a good Spectrum Analyzer! Will have to back out the two screws on the feed horn for a good Tx pattern (BW). Note: See Regulated Voltage/Current project in this issue...

Problem: Teaberry Stalker 9 (Export): Low Modulation?

Solution: Remove TR-32 SCB STILL NEEDS SCHEMATIC ON THIS UNIT.....

HAZAROUS TO YOUR HEALTH: The common practice of running a mobile inside the house with car battery.. Re-charging a battery has a very dangerous by-product - HYDROGEN GAS! One spark, and you might not be able to read SCB anymore.... Go buy a good regulated power supply....

Wanted: Low F_o mod for Teaberry Model T (4011); Buy Vol.16, pg. 41; See Bristol BCB-2271....

Feedback: Re-"MY WAY SLIDE", Vol 16 pg 38. I didn't believe it either so 'borrowed' back a modified unit that converted 3 years ago. Worked like a charm - had to put a 10-turn pot in unit - also got a little less on the upswing; (ONLY 21.4KHz - Colt 1200, Excalibur)....

Courier-Centurian 40D; Re: Vol 10 pg.53, I24 alignment is extremely critical...be very careful when broadbanding, double-check the SSB TX!

When Junking-out the Junker's that are un-economical to repair: Remove the following and put in a plastic bag marked with Make/Mdl. Coils, Chips, Zener's, Wire-wound's, Switches, etc...Have found it to be better than having 50+ units laying around...I use them for LandFill!

RE: Above idea - This is another reason for the Newsletter being needed as factory doesn't have parts, and if they do usually is a back-order item. I had to send back a TRC-57 to customer because the factory didn't have a VCO block (sealed unit), I was out the repair bill and he's out a radio - also everyone was out because had the go-ahead to do a full blown mod on unit for write-up to clear up the problem with modification!