



# SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

SUBJECT: TS-520/520S: BS-5 SWEEP INTERFERENCE

DATE 8/10/79

BS-5 users may report ignition-like interference on 80 & 40M from their SM-220 with BS-5. Noise will be heard between 3850-3870 Khz, and 7245- 7260Khz any time the scope is on.

The sweep signal mixes with the IF (carrier) frequency. This derived signal, or its second harmonic will usually be less than an S1 signal, unless the coax ground to the scope is opened, in which case S9 may be indicated.

On the SM-220 PCB X65-1240-00, change the BS-5 +11V DC supply point:

1. Cut the foil path between connector P110 pin 6 & Connector P103 pin 2.
2. Install a 1S1555 diode between Connector P110 pin 6 and Connector P103 pin 1.

New Part: 1S1555 V11-0076-05

Please note your Service Manuals: SM220, TS-520 & TS-520S

JEB/yn

