



# SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

TS-520/S, TS-820/S

#812

**SUBJECT:** TS-520/S, TS-820/S CW FILTER SELECT CONTROL

**DATE** 2/14/80

In the TS-520SE, the Heater Switch has been replaced with a CW WIDE/NARROW select switch. For those operators who desire this type feature for their transceiver, the following information may be considered as a guideline

## TS-520S Series Transceivers

1. A miniature SPDT switch may be installed at the operators preference, on the rear side, or bottom panel. Use this to switch the CW or SSB filters by wiring the BROWN lead, which normally is transferred to the CW terminal on the IF unit, between the SSB filter, for WIDE, and CW filter for NARROW.
2. A "Traditional" solution has been to use the FIX CH switch, position 3 and 4 for filter switching. This may be done by completely rewiring the switch, or by leaving the switch wiring and the filter wiring as for normal operation, and bridging the following terminals:
  - A. FIX CH "C" terminal to IF "SSB" terminal.
  - B. FIX CH "4" terminal to IF "CW" terminal.Placing the FIX CH switch to 4 will operate the SSB filter in CW Mode.

## TS-820/S Series Transceivers:

1. Similar to the TS-520 series, a miniature SPDT toggle switch may be installed at the operators preference at the rear or on the bottom cover.
2. The FIX CH switch, or Digital Hold switch may be rewired to control the CW WIDE/NARROW function.

On the MODE switch, S6-1, the SSB filter control is GREEN, and the CW filter control line is GREY. Break the GREY line and connect from the MODE switch to the SPDT common terminal. Connect the GREY line to the IF unit to one terminal, and bridge the GREEN SSB line to the other Switch terminal.

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