

SERVICE BULLETIN

AMATEUR RADIO

SUBJECT

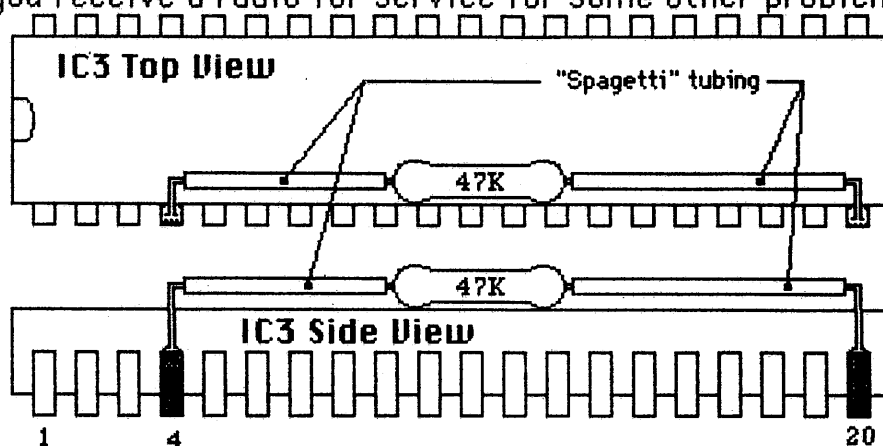
TM-2550 DCL CALL SIGN DATA

DATE

2-7-86

Some owners of the TM-2530/2550/2570 have reported a loss of the DCL system call sign data when the power switch is turned off. The call sign data actually remains in memory but timing prevents its utilization in some radios. Adding the resistor shown in the accompanying diagram corrects this problem.

If you receive a radio that exhibits this symptom add the resistor to IC3 the Slave CPU on the control unit (X53-1440-XX). Cover the resistor leads with "spaghetti" type insulation. Adding the resistor to radios that do not have this symptom will not cause any problems, so you may wish to add the resistor if you receive a radio for service for some other problem.



Solder the 47K ohm resistor directly to pins 4 and 20 of IC3. Don't overheat or use too much solder. You must use an iron with voltage isolation on the tip!

Before soldering unplug the DC Power cable and antenna from the radio. When soldering to this IC you must use a soldering iron that provides voltage isolation on the tip since IC3 is a CMOS device and can be easily damaged by static electricity or voltage on your iron. Use normal CMOS precautions. One final precaution: Don't bridge any of the pins on the IC with excess solder!

Time Required for this modification is 1/2 hour or less.

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