

**NC 300 Vernier**—"Anyway to install a vernier on the NC 300 as is found on the NC303?"

Sure. To the lower left of the main tuning dial there is a plug type button which covers the bandswitch shaft removal hole. Remove the button and ream or drill the hole to  $\frac{1}{2}$ " diameter.

A *National* S. B. bushing is cut down to about  $\frac{3}{8}$ " and installed in place with the nut that comes with it.

Cut a neoprene washer to  $\frac{15}{16}$ " in diameter with a  $\frac{1}{4}$  inch hole drilled in the center. Bevel the outside edge of the washer. Cement the washer to a *National* HR knob which has had the small plastic dial locking tit filed off. Duco cement does a fine job.

Then cut a  $\frac{1}{4}$ " shaft  $1\frac{1}{4}$ " long and drill a small hole through its body close to one end for a cotter pin which will prevent the shaft from being pulled out inadvertently. Mount the knob on the shaft and pass the latter through the center hole of the bushing. Use a little oil for lubrication on the shaft.

You can now use the main dial for quick frequency excursions or with an insignificant amount of pressure on the HR knob, you can enjoy slow vernier tuning, say for SSB signals.