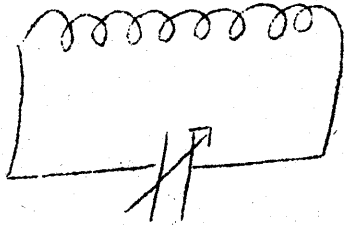


"RF"



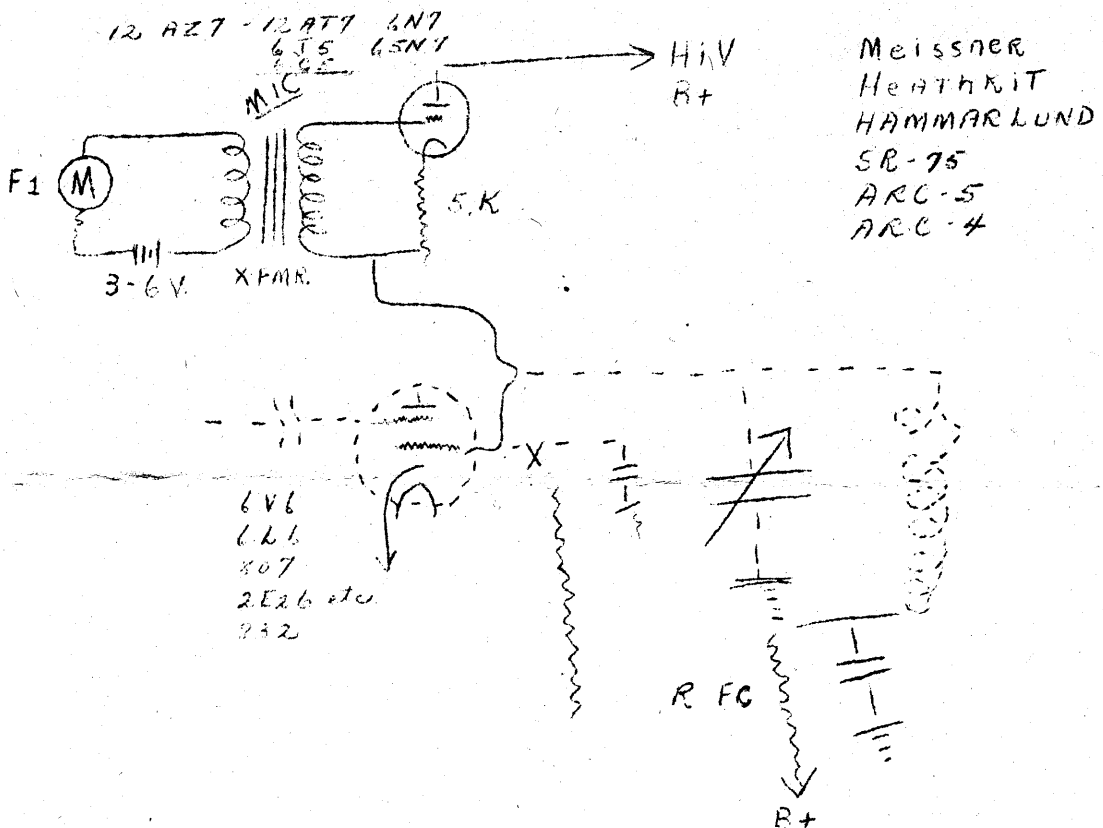
The mail bag was good to us. Thanks for your cards and comments. Such nice things will spur us on. Let's hear from some of the rest of you.

"The Scotchman's Modulation" (as told your reporter by W6ZE).

Do you have a Meissner Shifter, Arc 5, Millen exciter, Hall. SR 75 or Heathkit Xmtr around? If so, here is a simple application of "electron-gate" modulation that requires few parts and no change in tank circuit or coupling. The gate tube may be a 6J5, 6C5, 6N7, 6SN7, 12AU7, or 12AT7, the latter of which is preferable for higher gain. The dual triode sections may be paralalled or half tube may be used. The RF tube to be modulated may be a 6L6, 6V6, 6F6, 2E26, 50L6, 807, 832, or any similar screen grid tubes.

The most important thing is to use the highest B voltage available in the Xmtr to supply the screen through the gate tube. Advantages are simplicity, economy, and lowered power requirements from supply (especially nice for mobiles) and 100% modulation. Be sure the transformer has good pri. to sec. insulation. Any good surplus unit will do.

In future issues: Notes on 813 "electron-gated" and Xtal mike application. Your questions invited - a card to "R.F." 462 Westminster Avenue, Newport Beach, will be answered in next issue.



SEEN AND HEARD

W6KTE trying an "up and at 'em" 33' vertical multi-band antenna - sounds good!

The Orange Co. Club may soon take over a Quonset for station activities.

Cold weather is bringing in the DX, heard W7's mobile boiling in on 75m the other morning. ZS's have been reported on 15 m. Short skip on 10 m occasionally.

Rumored that TIK may get on 75 m again.

RKL has hooked a Viking II on his "V" beam.

KEO heard testing "gate" modulation on a Meissner Sig. Shifter.

QZQ puzzled the law running around without his license plates; no doubt others will have similar episodes!

Notice more activity on 10 m lately.

KN6DBG and Xyl out visiting on a Sunday.

Lots of interest in the coming "Turkey and Ham" donation raffle, with odds 50-1 it is a good risk.

DEY has been under the weather; hope he'll be on deck for the "Turkey donation."

OZO is getting hot on 420 meg. band, should be QSOing soon. Anyone on 420?

A nice turnout at the Fullerton Club to hear micro-wave talk, dandy door prizes, too.

NIK mobile working a W on 75 one morn.

Again, gang, a reminder to support W6ACN in his efforts to keep your call letter plates. Send your contributions to W6ACN, Archie Waring, 3234 Prentiss St., Oakland, Calif.

Anaheim hams got nice writeup in Register on CD drill December 7th.

LET'S SUPPORT OUR RADIO CLUBS ATTEND!!

(Over)

CALLS HEARD

(From Wireless Observation Post near Center of Orange County)

- 2 meters W6's - QZQ, OZO, ZE, PJU, PEJ, BQP, DEY, NGN, KCC, SIE, ULI, JTV, CGM, ALT, CYR, RPI, QOL, PHP, DKN, ELT, KEO, IZ, IZO, LRP, ORA, ORR, VAD; K6's - AAG, ANG, BIG; KN6DB6 AWT, CAG, AWK, AAJ.
- 6 meters ??? 10 meters W6's - SW, QZQ, ZE, UPP, GTB, ICN, EKG, VAD, DGZ, LDJ, CTP, HIL, ULI, KTE, EEK, OKH, PHP, PJU, TKR, PEJ, KEO, MRF; K6's - AAJ.
- 11 meters W6's - GTB, UPP. 15 meters W6HIL 20 meters W6's - TIK, VAD.
- 40 meters W6's - RKL, QZQ, CYR, UPP, DRG, MAO, TIK, QKT, TWZ, GQF, MRP, UEF, VKN; K6's MAO, AFW, FBO; KN6's - CVN, COE.
- 75 meters W6's - SHC, PMS, VKN, QZQ, GGA, ZE, UPP, BVI, ICN, TKR, CTP, UEF, HIL, OZO, KTE, ORA, PHP, ARC, CYR, UFS, UYH, NYB, KEO, AOU, CTJ, RPI, NIB, ULI, HDT, CWU, YBI, MAT, SAK, UEF, IZO, PMS, NIK, MRP, UG, OZS, COZ, PLI, NZH, KSV, FCS, LDJ; K6's - AND, BIG, AOU, AVA, NAR; W5UEI/6.
- 160 meters W6's - BKV, YLC, GSR, LMK, PKE.

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Fullerton Amateur Radio Club, Inc.
meets second Tuesday of each month
at the Fullerton City Hall.

Orange County Radio Club
meets third Wednesday of each month
at 12502 Placentia Ave., Santa Ana.

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MERRY CHRISTMAS
&
HAPPY NEW YEAR.