

Hampden County Radio Club

Prexy Art Zavarella MNG Midas Al Jackson OBQ
 Veep Pete Pederson RVW Scribe Dave Lloyd PHU
 Ye Ed Bill Ham RRX

ANNOUNCEMENTS Come all ye faithful and bring a member with you - - 44 & 44 = 88. -
 Well what do you know?, that adds up to 100% membership and also
 love and kisses - hi! The last 1950 meeting will be at the Springfield YMCA, same
 room on ground floor as last time, Friday, December 1. The speaker of the evening
 will be Mr. William Forrest, Chairman of the Springfield Civil Defense Committee,
 who will endeavor to enlighten the group as to "The Part that Amateur Radio will
 play in Civil Defense." Let's gather at the usual 1930 EST for a 2000 start.

LAST MEETING The final results of nominations and elections of the November 3
 Annual Business Meeting of the Hampden County Radio Club held at the
 Springfield YMCA are as follows:-

For the Year 1951

President - Art Zavarella WLMNG
 Vice President - Pete Pederson WLRVW
 Treasurer - Al Jackson WLOBQ
 Secretary - Dave Lloyd WLPHU
 Executive Committee (2 year term)
 Tom Chapman WLKK
 Myles Brennan WLMOK
 Joe Piekarski WPIR
 Bill Werenski WLCJK

The remainder of the Executive Committee consists of four members elected last year
 for a two year term and the retiring Prexy (no comment) and are listed as follows:

Rog Corey JYH Ex Prexy
 Les Horner GZL
 Bill Blankenship RDR
 Dick Stevens QWJ
 Bill Ham RRX

While Ed Foster and ESA were tallying the votes Ev. Taylor, BEF, painted the grass
 green and dug for buried treasure while literally rolling the boys in the aisle with
 facial gymnastics, dialect and delivery of the rib tickler for the evening "Who's
 Crazy Now?" (take it with or without).

The after meeting refreshments consisted of cider and doughnuts. PHU's
 XYL made the doughnuts and Dave said all but a dozen or so went down the hatch;
 they sho' nuff made pow'ful good eatin! Better watch out Dave, or you'll find
 yourself in the doughnut business! Did you fellows notice the businesslike appear-
 ance of the Official Ballots? Thanks to Dave, PHU, for the excellent printing job.

Something new is being added! The meeting roster is going to be pre-
 sented according to the number of consecutive meetings the member has attended.
 Starting with the September Meeting, the list is headed by the following three star
 members:

*** RZG, RHU, NLE, PIR, IJT, RVW, NY, ESA, RDR, BH, SHX, PHU, BCI, SFU, AVK,
 CJK, MOK, QJN, EOB, RTV, MNG, MQK, TDO, SIT, RRX, Bill Parker

Nearly a third of the membership has 100% attendance F.B.

Two star members (for last two consecutive meetings)

** BEF, GZL

* Last meeting Bob Higgins, KUE OBQ, DXW, RED, KVV, PDF, W9BIB/1, Ed Foster,
 JYH, Major Chatfield, TCM

Let's see what happens next meeting, Dec. 1!

Note that all persons mentioned in this section were present at the last
 meeting.

JYH would have had three stars if he hadn't been South of the Mason Dixon in October. Several other fellows have been away on business, school, working, etc.

Bob Higgins, SWL, of 35 Webster St., Springfield was accepted to membership by the members. Bob is working on his ticket. Keep it up, Bob.

10 METER NET Thurs. 2100 EST 29.4 mc. WINY NET CONTROL

Nov. 2 RED, MOK, NLE, NY, QDM, MNG, SHX, LLT, AGM, RDR, RRX

Nov. 9 RED, MOK, NLE, NY, AGM, LLT, RRX

Nov. 16 RED, MOK, NLE, NY, QDM, MNG, AGM, RDR, RLV, QJN, QXV, PDO, RRX
and believe it or not WLEOB, our SCM, and we also heard the voice of our SEC emanating via NLE, yep, no less than JYH.

80 METER NET No report, but it is operating as steadily as the proverbial Rock every day.

75 METER PHONE NET Sundays 0900 EST WINY NET Control.. No report, but we heard via the grapevine that Hank has his hands full.

2 METER NET ? ?

JOTTINGS Seems as if a couple of gentlemen, (N.C.) approached the domicile of AGM recently, rang the doorbell which in due time was answered by a young lass. Oh Yes, at this point we must make clear that the Doc and his XYL are training this young lady to be a domestic. Sooo - - to continue with the story, (by the way the Doc is not at home) - - let's see - -,, The young lass asked who is calling and is met with the reply that the said gentlemen would like to converse with the Doc. Again the young lass asked who is calling, this time the answer was somewhat puzzling to one unaccustomed to the peculiarities of the Amateur Society, to quote more or less accurately "A couple of Hams would like to see the Doc." The puzzled miss proceeded to the upper quarters of the house and informed the XYL that a couple of men selling meat were at the door and were asking for the man of the house. "What kind of meat?" queried the lady of the house. "Hams" replied the young lass. Not desiring any more hams in the house, as she already had one for Sunday dinner (the edible form of course) the Mrs. instructed the young lady to inform the callers that no hams were wanted today (hi) Sooo - to make a long story longer, the young lady retraced her steps and reported as instructed to the two callers. Meanwhile, upstairs the Lady of the house still puzzling over the situation suddenly realized what was going on and dashed to an upstairs window. But alas and alack! Two monkey suited gents were taking off in a vehicle. Later, on the Ten Meter 'Phone Net Doc related the incident and remarked that no doubt one of the Hams was listening in. Sure 'nuff a bit later Russ, QDM, admitted the faux pork, but just who the other Ham was we're not sure. We'll roast out the chop yet (N.C.)

The Wilbraham Tower Gang are in the process of firing up. RFU, MNG, NY, RVW, QWJ, OBC, NLE, PHU, and RRX got together at NY's recently and discussed the possibilities. More will be heard about the goings on later. 10, 6, 2 and possibly $1\frac{1}{2}$ & 420 were considered.

Lots of pre-winter antenna work going on. Besides ye Ed's efforts on 10 meters, Art, MNG, has been adding to his antenna Form. His S.W.R. meter has been getting full use too. Pete, RVW, has FB new 6 meter beam with improved S.W.R. and Bob, NLE, thanks to roof work of MNG & DBQ has his 10 meter beam S.W.R. down to 1.1 to 1.

Another old timer heard from: Win Churchill, the squire of Bradley Road. So listen on 10 meters for JMF.

ARRL ACTIVITIES 17TH ARRL Sweepstakes Nov. 18 & 19, Nov. 25 & 26. Not many in there pitching the first weekend - CJK was doing fine - hope more are on the 25 & 26.

10 meter WAS Contest coming up Dec. 8, 9, 10 and Dec. 15, 16, 17. Rules in Dec. QST. Do you have yours yet?

CD contests:- there are several of these each year for the boys with ARRL

appointments such as ORS, OBS, OO, OPS, etc. EOB, JYH, NY, RZG, RHU, BVR, and IJT have appointments and can tell you more about it, also the Amateur Bible gives plenty of info.

Rog Corey, JYH, won Club and Section award in DX contest C.W.

Bill Werenski, CJK, took the Club and Section award on 'Phone. Very nice job, Rog and Bill.

SWAP COLUMN:-

1. HT9 Transmitter, coils for 10, 20, 40
Spare 814 - \$235. QXV
2. SCR 522 complete in original carton untouched
\$22.50 QXV
3. PE110 Double power supply 110 A.C. plus 12 volt vibrator supply - -
condenser input approximately 700 VDC at 445 mils and also around 300
VDC at 175 mils. See QXV for data \$22.50
4. B & W 80 meter 100 watt coil and small center link and end link osc
80 meter coils wanted by NLE.

LAST MONTH'S TEASER Our artist left out the values of the resistors in the circuit which should have been six ohms each. RHU and JYH handed in the correct solutions - - by the way JYH presented an algebraic solution and checked out OK when the correct value of resistor was inserted. Answer:- 2 ohms, hi!

THIS MONTH'S TEASER First draw an isometric cube.
Second insert a one ohm resistor in each side of the cube.
Question: What is the diagonal resistance of the cube?
(diagonal from front left bottom corner to top right rear corner).



TECHNICAL TOPIC:- de QWJ

Noise Reduction in Motor Vehicles in the 28 to 50 mc range.

If you plan to install or have installed a mobile unit in your car, the following table should serve as a guide in reducing noise outside of that generated in the radio equipment.

The other two common causes of noise are Receiver vibrator hash and transmitter dynamotor hash. The following suggestions may be of help in reducing this noise.

Receiver Vibrator "Hash"

Vibrator "hash" radiated from the mobile receiver can usually be eliminated using 0.01 MFD by-pass condensers in the receiver to by-pass the low voltage "hot" input leads to the vibrator and each of the high voltage leads from the vibrator.

Transmitter Dynamotor "Hash"

Radio interference produced by sparking of brushes on a commutator of a dynamotor is called dynamotor "hash." This type of interference can usually be reduced by installing condensers under the end bells of the dynamotor from each brush to ground. Where space limitations prevent addition of condensers in this space, it may be possible to eliminate the interference by supplementing existing filtering within the transmitter. Molded mica condensers are preferable. Circuits to be checked are the 6 or 12 volt supply circuits; (a) to the dynamotor, (b) the dynamotor start relay, (c) both wires to the antenna relay and (d) the filament supply for the transmitter. The high voltage supply should also be checked.

SUPPRESSION ELEMENTS FOR ELECTRICAL AND IGNITION SYSTEM OF VEHICLES

<u>Circuit</u>	<u>Apply at</u>	<u>Component</u>	<u>Value</u>
Ammeter to "hot" battery lead	Ammeter terminal	Capacitor	0.25
" lead to heater motor	Heater fan motor	"	0.25
Battery to starter switch	Starter switch	"	If required 0.25
	" solenoid	"	"
Distributor to Spark plug lead	Each spark plug	Resistor	5000 to 10000
Ignition Coil to distributor lead	Distributor	"	"
" " to ignition Switch	Ignition switch	Capacitor	0.25
	Ignition coil, Switch side	"	0.1
	Replace lead	Use Shielded wire	-
Generator armature	Gen. arm. terminal	Capacitor	0.1
Generator Armature to regulator	Regulator armature terminal	"	0.5
	If needed shield lead -	Use Shielded wire	-
Generator Field - regulator	Replace wire front) contact voltage) regulator (Field)) relay to ground)	Filter	{ Cap. -0.01 { By-pass { 1000 ma Z-1 { ohmite R.F. { choke
Gas Gauge to gas tank	Where wire leaves) engine compartment	Filter	- -
Gas Gauge to Ignition Switch	Gas Gauge	Capacity	0.25
Oil " to oil pressure element	Oil pressure element on motor	"	0.5 to 1.0
" " to Ignition Switch	Oil gauge	"	0.25
Temperature gauge to Ignition Switch	Temp. gauge	"	0.25
Temperature gauge to Temp. Element	" Element on motor	"	0.5 to 1.0

Capacitors given in MFD - Resistors in ohms

YE ED'S CORNER Here comes the last meeting for 1950. Let's see how big we can make it, and take that extra bit of effort to attend next year's meetings. Sure, we've been getting a better than average number of fellows at each meeting, but how about seeing some of you fellows that haven't been around lately. Some fellows just can't make it for very good reasons, but I wonder how many sit at home and watch TV or something?

Thanks to QWJ for his contribution.

Any ideas, contributions, suggestions, criticism etc, jot down on a piece of paper, penny postal or even a nice fat letter such as IJT sent me in addition to the Sweepstakes Blanks. Thanks, Clarence -- Mail items to Bill Ham, WLRX, 197 Whitney Ave., Box #342, Holyoke, Mass., or give them to me at the meeting.

It's raining cats and dogs and -- Yipes is 0100 EST! 73 CU AGN HCRC de

WLRX SK QRT