

THE
**PARASITIC
EMISSION**

February 1976



QCARC news

Meeting notice

The February meeting of the Quad-County Amateur Radio Club will be held on Friday, February 20 at 7:30 pm. in the DuBois Area Senior High School, room 203. All members are urged to attend, as this is our annual election meeting. All club offices are to be elected by ballot or proxy at the meeting. After the meeting, we will have our usual free refreshments and the conclusion of the technical session on the use of the oscilloscope by Gary Boucher, W3GNR.

Now we will take a pause so you can get up out of that chair, go over to your calendar and put a big red circle around the 20th...

You're back already? Good! So now if you can survive Friday the 13th, we'll all be looking for you on FRIDAY, FEBRUARY 20, 7:30 ROOM 203 DuBOIS SENIOR HIGH SCHOOL!

Minutes

January 16, 1976

The January meeting of the Quad-County Amateur radio club was called to order at 7:25 pm. by president Boucher, W3GNR.

The minutes were approved as published in the newsletter.

The treasurer reported that all expenses have been paid until Dec.31. Balance in the treasury is \$173.89. Total paid membership is 44. License instruction classes were reported on by Joe Shupienis, WA3IHK. Permission has been granted by the DuBois Area School Board for the use of a room (#919) in the Liberty Boul-

evard Junior High School for the purpose of teaching Morse Code and radio theory. No fee will be required for the use of the room. The first class started January 14 with seven prospective hams. Several more people have expressed interest in attending classes. K3VAD has been holding classes in Punxsutawney and in the future, W3DQF will start classes in the Ridgway area.

The Repeater is inactive now with no license yet in sight. Phone calls have been made to the FCC. They informed us that the license should be here before mid February. The 2-fm net on Sunday will be held on .52 for the interim. Regs prohibit use of unlicensed repeaters except for short periods of test.

New business: K3 QEQ gave a demonstration of a "lunchbox" 2-fm rig using standard kits available. In the future, he said, this would be the most practical of using 2-fm in the local area, once the repeater was on the air.

Newsletter survey: Some discussion was held by IHK about changing the format and/ or other improvements for the newsletter. Adding more simple construction projects and writing of more articles were discussed. If everybody would take an active part in the newsletter, the workload would be more evenly shared. Even at this time when we have possibly the biggest and most informative newsletter in Western Penna., it could always be made better by more projects, more news and more writing! as far as our advertizing goes, by show of hands at the meeting more than 2/3 of our membership has patronized one or more of our advertisers and hopefully we can get 100% in the near future!

Nominations: moved by IHK and seconded by K3TFL that nominations for all offices for the 1976 term be opened. Nominated were:
 Pres. Gary Boucher, W3GNR (inc)
 VP Joe Shupienis, WA3IHK (inc)
 Sec. Bill Zavatsky, K3QEQ (inc)
 Treas. Paul Silinsky, K3ZDR (inc)

Nominations for Executive Council are:

Art Sweeney, K3HWJ, Punxsy (inc)

Paul Lanzoni, WA3WPR Brockway

Sham Hollopeter, W3QOS, Big Run

Bill Decker, W3QIV., Curwensville (inc)

Dick Hockman, K3LIX, DuBois

Harry Metzger, W3ZYK, Sinnemahoning

Nominations will remain open until the February meeting when election and installation of officers will take place.

The Novice Round-up was mentioned and all members were encouraged to participate. Dates are Feb 7th through 15 th.

Meeting was adjourned at 9:00 pm.

After the meeting, an executive council meeting was held, with the following board members present: W3GNR, WA3IHK, K3QEQ, K3ZDR, W3QIV, K3IQN, WA3HSE and K3HWJ. Top priorities for the new year are the finalization and ratification of the club constitution and a telephone list of members. WA3IHK pointed out the fact that due to I80, Clarion county hams are no further from DuBois than Sinnemahoning and Emporium, and these hams should be invited to join our club. Voted and passed: Full membership shall be extended to all Clarion County hams and newsletters shall be mailed to them with invitations to attend the February meeting.

Board meeting was then adjourned.

Respectfully submitted,
Bill Zavatsky, K3QEQ
Secretary - QCARC

Proxy notice

If you can't attend the meeting, please vote by proxy. Simply write on a piece of paper, "I, (your name & call) , a Full member of the QCARC authorize (proxy) to vote in my

behalf at the February meeting of the QCARC.

(your signature).

The proxy can be any member of the QCARC who is going to be at the meeting. Give him your proxy slip, or mail it to our secretary at 103 Simmons St.; DuBois, PA. 15801

We all hope that all full members will vote (one way or another) and nominate in the elections. Quite painless democracy really!

Net Results

The check-in rate of our 2-fm net is steadily improving. When the FCC finally sends us our repeater license, the net will meet on the repeater.

All we can say about it now is to encourage everybody with a two meter rig to check in if possible.

Other 2-fm nets in the area (WPA area) can give us an idea of how smoothly our net will sound when it's over the repeater. We are all welcome to join these nets, and may provide a traffic route to the Quad-Counties. The Centre County AREC net (don't let the name of "AREC" scare you. ANYBODY can check in) meets every Sunday evening at 9:00 pm on the 16/76 WR3ACY State College repeater. This is a very popular net with nearly 50 check-ins each session. All checkins are warmly welcomed and encouraged to check in on a regular basis.

The Cambria County AREC net (once again, don't be scared off by the name) meets Tuesday nights at 7:30 on the 34/94 WR3ACS Johnstown repeater. They are always glad to hear from the Quad Counties.

Another regular net is the Pennsylvania Tone net which meets weekdays at 5:30 pm local time on 3960 khz. It's not a traffic net only, though it handles mostly traffic, you can list informals with other hams in Pa. (sort of like ECARS).

CALLING DX

Art Kunst, W3WM

Pickings in the last month have been slim. DX propagation conditions on 10 and 15 continue poor. Even 20 meters folds up occasionally at night.. Forty meters continues impossible due to foreign broadcast QRM at night. 80 meters appears to be substituting for the poorness of the other bands by offering a variety of DX in a consistent fashion. Following is some DX worked at W3WM in the past few weeks but none is exotic and all are ordinary:

15 meters:

YN7MHW, KV4CI, YN1AZ/auto mobile, ZL1BTL, CO8GL (haven't worked a CO in a long time) and CE3AOX, the station at the University of Chile.

20 meters:

KC4USV McMurdo South Pole - Red QSL within a week of QSO!

40 meters:

Worked some US only. Too much QRM at night.

80 meters:

8D6GN, W3WN (thought at first he was a bootlegger) FM7WE, XJØNE/MM - Canadian Navy frigate in Atlantic, HR3JJR, YN8ODM, 6Y5, VE7BVH, VP2KN, HI8MOG. Also heard: IL, EL, Gs, 9Ll, CT, VO, HK, YV, PY and many others. W3WM was also heard in ZS6 land.

Long time coworker, George McKnight, WA3GNS visited me at my office after reading my first column on DX matters in the Last Issue of the Parasitic Emission..

George was very complimentary of my efforts for which I thank him. He told me of his DX listening on 80 and 40 meters. George has been hearing and working some early-morning DX. He is surprised at the big signals out of the Pacific Area. I am not an early morning man myself, and prefer to work DX on these low ham bands late in the evening. I can testify to the variety of DX on these bands, and the strength of the signals. Winter time is just

great for low noise most of the time and the signals really stand out. Anyone with a fair antenna, a hundred watts or so and a good ear should be able to work Caribbean and South American DX after 7:00 in the evening. I like the region between 3775 and 3810 khz for DXing and have worked about 30 countries in this frequency range.

George posed a good question to me which bothers many starting DXers... How does one manage to hear and work the variety of DX that I (W3WM) have experienced? Well, the answer is fairly simple and straightforward, but basically hangs on the old saying among amateurs that you can't work them unless you hear them. Firstly, a DXer needs a good inhaler with good suction power, low noise and reasonable selectivity. I don't have the best in the world but I have used a transceiver - Drake TR-3 for the last 10 years to good effect.

Another point to emphasize is to listen for DX when it is likely to occur. This sounds elementary but is often overlooked by starting DXers. Ten meters is great when it is open, but the question is when? Propogational conditions and timing are very important to maximizing your opportunities. This means that one needs to have a good understanding of all the DX bands, and adjust your operations accordingly to increase your DX pay-off.

The final item I feel is important is operating skill. This is an equalizer in great measure against the high power boys. In the DX game today, it is the rare ham who doesn't run max power in his DX pursuits. In pile-ups this is an impossible situation for any low power station. I waste little time in such situations since probability of success is near ZERO.

I spend a lot of my DX operating time in listening over the bands. I am quick to move from one band to another. I like to operate in the Extra bands because the competition is smaller.

My calling style is meant to improve my DX returns. I look for weak signals because strong DX signals attract everyone and invite much competition.

George poised the big question to me: After DX is worked, how do you you get the QSL card? This is a real tough one because most DXers need the card for certification for awards. I think it is important to try to get the QSL information during the contact if possible. If not, the callbook helps sometimes. I also subscribe to the Long Island DX Association Bulletins, which gives me advance notice of DX happenings and QSL info. There are lots of tricks to getting QSLs and it isn't easy. But persistence pays off.

Just recently I received a QSL card for a contact 7 years ago! I use the QSL bureaus a great deal, and find that it takes a year or two to get most QSLs. Persistence and patience are required virtues of the good DXer. In over 200 countries worked, I have failed only twice to get QSLs - JY6 and HM4.

In summary, I have skimmed over some of the basics of DXing, about which much can be written.

I am sure that many readers can amplify my remarks out of personal experience, and I invite you to do so, Through the Parasitic Emission. Don't forget the annual ARRL DX contest in February and March for phone and CW. It will give great contest action and many new countries. So until next month, I wish you all good hunting and good DX. -- Art

p.s.: All amateurs are acquainted with the Yagi antenna. The inventor, Hidetsugu Yagi, age 89 just died in Tokyo. The first Ygi was built in 1919. Yagi studied in Japan, U.S. and Europe, and worked on guided missile programs for Japan during WW2.

* * * * * QCARC * * * * *

QCARC DXers -- Please direct your DX news and notes to "Calling DX" c/o Art Kunst; 547 Orient Ave. ; DuBois, PA. 15801

VHF AND FM

Dick Flanders, WA3BUX

Many people are curious about the best way to get on 2FM. To have a really big signal, follow the following and you will be surprised at the range of your station!

Elevation is the most important point. Install the antenna in the highest possible position, clear of other objects. Keep the feedline as short as possible, and no longer than 100 feet.

Next in importance is the antenna. Many types of antennas can be used, keeping in mind the higher the gain of the antenna, the stronger the received and transmitted signals will be. Most of these antennas can be homebrewed with a little patience and a good supply of old TV antennas, but commercial antennas are reasonably priced and work very well. Typical antennas are beams, either single or stacked giving 6-16 dB gain; colinears and ground-planes.

Moving down the list we come to the receiver. The two important features here are sensitivity and selectivity. When purchasing a rig, get the most of each you can afford because neither can be easily improved in the rig itself. A preamp can be added to most any rig to improve the noise figure of the front end and Presto - You have a better set of ears.

Also if the receiver crystals can be tweaked run a test with someone who has a synthesized rig to make sure all your crystals are on frequency. WA3BUX can run this test with you.

Now for the transmitter. Actually power is the least important thing in the list. The average rig has an output of 10 or so watts. If the SWR is too high, damage might occur to the rig, but since most are protected, they will simply reduce power and thus your range. A bad SWR also affects receiving to a much greater extent than at HF. A good SWR to shoot for is less than 1.5:1. This can be attained through the matching device at the antenna.

A VHF SWR bridge is a must to perform this job.

4.3	43	430	4300	43K	430K	4.3M	(5%)
4.7	47	470	4700	47K	470K	4.7M	(20%)
5.1	51	510	5100	51K	510K	5.1M	(5%)
5.6	56	560	5600	56K	560K	5.6M	(10%)
6.2	62	620	6200	62K	620K	6.2M	(5%)
6.8	68	680	6800	68K	680K	6.8M	(20%)
7.5	75	750	7500	75K	750K	7.5M	(5%)
8.2	82	820	8200	82K	820K	8.2M	(10%)
9.1	91	910	9100	91K	910K	9.1M	(5%)

The numbers in parentheses indicate the highest percentage tolerance that particular series is available. For example, 4.7, 47K, 4.7Meg and 470 ohms are all available in 5%, 10% and 20% tolerances. Values above 22Meg are available and follow the same intervals, but are so uncommon that we needn't be concerned with them now.

The next step is to get 177 envelopes and mark them with the above values. I took an extra step with mine and put the color code for each on the envelopes with three diagonal lines in the upper left hand corner. The only vital thing though is the numbers.

Next, get two large shoe boxes with lids and put the envelopes in the boxes in family groupings (a family is, "3.3, 33, 330, 3300, 33K, etc), the first box having 1.0 - 3.0M and the second having 3.3 - 9.1Meg. Dividers between the families complete the project.

The next project is to put all your resistors in the envelopes. This goes easier if you sort them first by the 24 families and then sort each family individually by multiplier. Put $\frac{1}{8}$, $\frac{1}{4}$ and 1 & 2 watt units all in the same envelope, as they can be quickly distinguished by size.

When you have finished, put the boxes where they CAN'T be spilled (on the floor in a corner under a table is a good place), and you are now the proud owner of a complete resistor assortment that will only take a few seconds of your time each time you need a particular value of resistor.

Alternative methods have been tried, such as a case with many drawers, each one divided

HAM OF THE MONTH

This month, we salute a DuBois ham who is responsible for much of what you see in each issue of the Parasitic Emission. His conception of quad county hams in his monthly feature, Clem and Orville is unique.

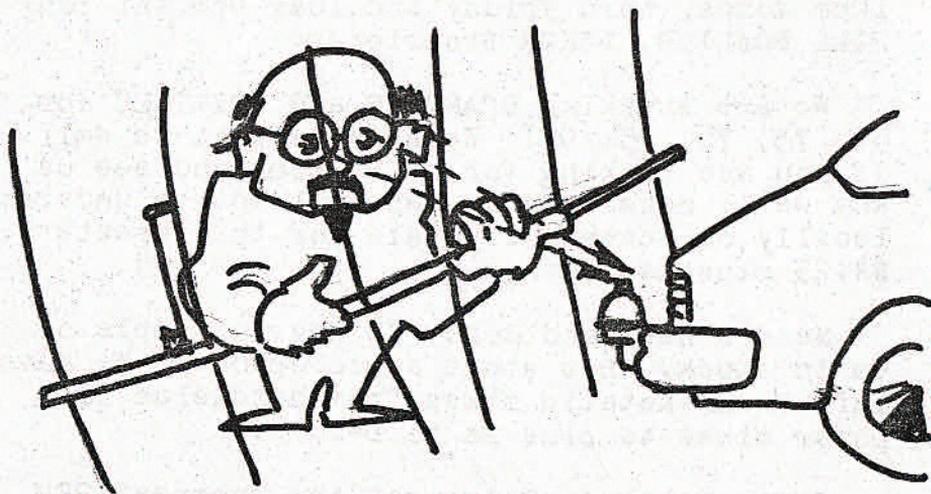
Truly lucky are we indeed to have a staff artist for a booklet this size - especially one who donates his time and effort.

He works at Penn State and commutes daily to State College, talking on .52 all the way. After putting in a 12 hour day, he still has to give some time to his family and work on the art for each issue of our newaletter!

But that's not all... He was an "Elmer" for scores of local hams. How many of us in DuBois can thank him for giving us the bug? How many of us does he wish he never had!?! (Like IHK?)

And not only that... He has undertaken the project of a club VHF site, a 1725' hill just north of DuBois.

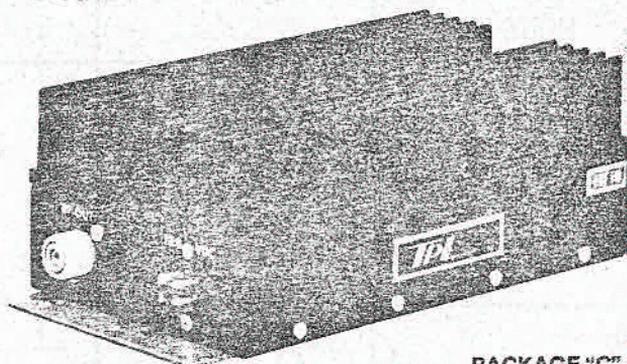
So this month, we express our gratitude to our own da Vinci, and a very active amateur, Jim Albert, K3TFL.



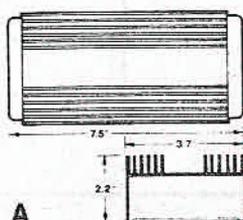
POWER FROM

13

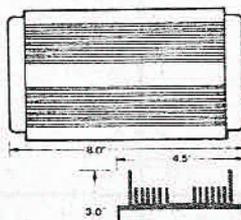
RADIO PRO-SHOP



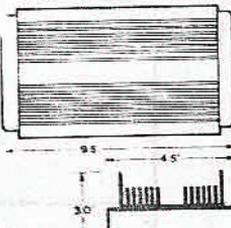
PACKAGE "C"



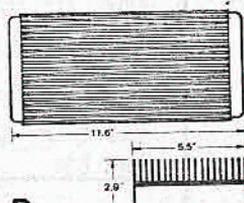
A



B



C



D

Model	Frequency	Input (Nominal)	Output (Nominal)	Package	Ham Net
1006	6M FM	10W	90W	C	\$185.00
2006		20W	180W	C	239.00
302	2M FM	1W	25W	A	\$119.00
*502B		1W	45W	B	147.00
*802B		1W	80W	C	223.00
1202B		1W	120W	C	289.00
502	2M FM	10W	45W	A	\$119.00
802		10W	80W	C	184.00
1202		10W	120W	C	239.00
1202C		25W	180W	C	209.00
2002		10W	200W	D	375.00
401	220 MHz FM	10W	40W	A	\$133.00
801		10W	80W	C	249.00
350B	440 MHz FM	1W	35W	C	\$229.00
750B		1W	75W	D	439.00
350	440 MHz FM	3W	35W	A	169.00
750		8W	75W	D	379.00
2001A	80-10M SSB (Broadband)	5-20W	400W PEP	D	389.00

* = IN STOCK

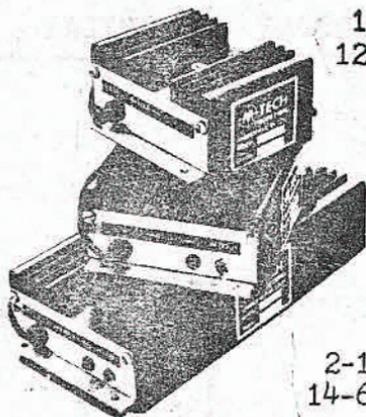
101 Bon-Aire Shopping Center
Butler, Pa. 16001
Rt. 8 & 422

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 QCARC 2 meter FM Net meets every Sunday on 146.13/73 at 1700 local time.	2	3	4	5	6	7 Novice Roundup, Feb. 7-15, see p70 Jan. QST
8 Net meets on 146.52 sim- plex until repeater li- cense arrives	9	10	11 WLAW qualify- ing run for code speed. see p.72, Feb. QST	12	13	14 Ten Ten Net Winter QSO Party, see p.72, Jan. QST
15 End of Novice Roundup Ten Ten Net Winter QSO Party	16	17	18	19 K3HWJ's Feb. birthday. Happy Birth- day, Art!!	20 QCARC meeting 7:30 P.M. at DAHS--annual elections for officers NOT HWJ's Birthday!	21
22	23 WLAW code practice:	24 Frequencies:	25 5, 7 1/2, 10, 10, 13, 15 wpm at 4 & 7:30 P.M. daily (4 P.M. M-F only) 20, 25 wpm at 9:30 P.M. TThSSu 1.805, 3.58, 7.08, 14.08, 21.08, 28.08, 50.08, and 145.588 MHz.	26 13 wpm at 9 A.M. MWF	27	28
29						

POWER FROM

RADIO PRO-SHOP



P15A1
1-3 watts in
12-20 watts out
\$55

P50A10
2-18 watts in
14-60 watts out
\$98

Consider the specs:

- * rated for key-down continuous service
- * VSWR protected for any load (0-∞ ohms)
- * reverse current protection circuit
- * micro-strip inductors for stability

HEY!!! Get this: Our special Deal for Quad-County Hams: 10% off list price. Period. Plus if you buy a 2 meter rig here (new of course) we will sell you a power amp at 25% off! That means YOU can get an ICOM IC-22A with all attachments (mic, pwr cord, etc) and crystalled up for 94/94, 34/94, 22/82, 28/88, 52/52 and the DuBois repeater on 13/73; and an M-TECH P50A10 65 watt amp all for only 299.45!!! A \$350 value!!!

We also will allow a 100% trade in if you upgrade your new gear for better stuff within 60 days!

And our usual generous allowances on all used gear.

CALL CHUCK BELL, K3HHP at (412) 282-7373 and see just how big a deal he can arrange for YOU. More than a dozen Quad County hams are happy with the deals he made them!

THE EXPERIMENTER'S WORKBENCH

JOE SHUPIENIS, WASHINGTON

This is our new department for all of you tinkerers. In our multifaceted hobby, the one aspect which I enjoy is fiddling. The one I enjoy the most, that is. I am an inveterate knob twister and "improver". The remarkable thing is that some of the things I build even work!!! And some don't.

In this column, only the working things will show up. Each month, there will be a simple circuit or two that will come in handy in the shack. Don't be afraid of their complexity, as there won't be any.

This month, we are going to build a junk-box. Sure you allready have one, but how well organized is it? Let's start with resistors. Show me where you would find a 750k $\frac{1}{2}$ watt resistor. You don't have one? How would you like a "care package" with all the preferred values represented?... QCARC will be supplying these soon.

Now, as you all know resistors come in what are called preferred values.:

1.0	10	100	1000	10K	100K	1.0M	10M	(20%)
1.1	11	110	1100	11K	110K	1.1M	11M	(5%)
1.2	12	120	1200	12K	120K	1.2M	12M	(10%)
1.3	13	130	1300	13K	130K	1.3M	13M	(5%)
1.5	15	150	1500	15K	150K	1.5M	15M	(20%)
1.6	16	160	1600	16K	160K	1.6M	16M	(5%)
1.8	18	180	1800	18K	180K	1.8M	18M	(10%)
2.0	20	200	2000	20K	200K	2.0M	20M	(5%)
2.2	22	220	2200	22K	220K	2.2M	22M	(20%)
2.4	24	240	2400	24K	240K	2.4M		(5%)
2.7	27	270	2700	27K	270K	2.7M		(10%)
3.0	30	300	3000	30K	300K	3.0M		(5%)
3.3	33	330	3300	33K	330K	3.3M		(20%)
3.6	36	360	3600	36K	360K	3.6M		(5%)
3.9	39	390	3900	39K	390K	3.9M		(10%)

CONTINUED

Be sure to use good coax... new if possible, RG-8/U preferred. Foam dielectric helps. The little stuff (RG-58) just doesn't pass enough signal above 15 mhz. So imagine how bad it is at 147!!!.

Next your crystals will have to be tweaked on frequency. All transmitters have padders on each crystal socket and tweaking should be done with a non-metallic tool. Recheck frequency after installing the rig back in the case.

The last and least important thing on the list is power. It can easily be added on if you think you need it. The important thing is you can't work anyone you can't hear (unless you can talk to squelch sizzlings. - ed) and you can hear better with a good antenna and a hot receiver, either from the factory or one made hot with a preamp.

WA3BUX

p.s.: These are not meant to be concrete facts, but only basic steps to follow.

* * * * * QCARC * * * * *

cb electronics

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"Right across the street from the Clearfield Hospital." Plenty of FREE parking. Open 6pm-10pm Monday thru Friday and 10am-9pm saturday
BILL BOALICH, W3KQR Proprieter.

We are stocking SCANNERS and CRYSTALS for 52, 73, 76, 85, 94. We service what we sell. If you are looking for a CB, come and see us and we'll make a deal. We will not be undersold locally on scanner crystals for the repeaters. \$4.25 plus tax each.

Need a new Handbook? We have a couple of em in stock. How about a microphone? We have Turner and Astatic mikes from handhelds to power mikes to plus 2s to D-104s.

Going mobile? We've got the cheapest 2FM magnet mount in the Quad Counties. Stop in, OK?

and containing one family, but this is expensive and takes up a lot of room. The shoe-box method costs a dollar at most (for the envelopes) and will save you much time in locating parts.

Capacitors are another story. The values range from less than 1 picofarad to more than 10,000,000,000 (billion) pf (10,000mf) in the standard values. The only capacitors having anything close to the preferred values of resistors are the silvered mica types and some Japanese miniature electrolytics. Most ceramic disc and paper, mylar, and polystyrene types have values of multiples of 1, 2, 5 and sometimes, 3.

Lately, with the need for greater precision manufacturers have been turning out the 20% preferred values across the board.

Thus, we have 1.0, 1.5, 2.2, 3.3, 4.7 and 6.8 and their multiples. Getting back to how this affects us, the many-drawer bin becomes more practical for capacitors. 1 drawer each for:

1-9pf, 10 - 99pf, 100-999pf, .001-.009mf, .01-.09pf, .1-.9mf;

and larger drawers for:

1-9mf, 10-99mf, 100-1000mf;

and a box for everything bigger. It would be nice to arrange them by voltage rating, but since everything we build in this column is more than likely 12v operable, anything above 35 volts could be separated by a divider in the drawer.

So much for the fixed, inactive components. Now for the variables. Pots and rheostats should all be tested with a GOOD accurate ohmmeter and the value (usually in multiples of 1, 2, and 5) clearly marked with a magic marker. The large ones can all be thrown in a box - they aren't used enough that separate facilities are warranted. The miniature printed circuit type can be stuck in the resistor envelope closest to their value, i.e.: 50K would go in the 50K envelope; 200K in the 200K envelope, etc.

Variable capacitors present yet another problem. How do you measure the value of a nondescript one? Well, one of our projects in this column will be a capacitor bridge that doesn't suffer all the usual problems associated with them. Until then, just throw them in another box. Little trimmers can be sorted according to their maximum value and put in the bin after being marked with a magic marker.

Other supplies to stock up on for our projects are:

Perfboards - .042" holes .1"x.1" RS#276-1394

ICs - 741CV op amp in 8pin-dip plastic case

Get a bunch 3/\$1. most places.

Solder - Ersin Multicore size 19 or smaller

Soldering pencil 25 w or less. (weller SP-23

works ok)

#22 bare wire

That should be enough for now. Each month we will give a parts list for the next month's project. Radio Shack Stores (as opposed to associate dealers) have most of what we need. The nearest Radio Shack store is in the Nittany Mall north of State College. The Radio Shack associate dealers in our Quad County towns have expressed their disinterest in the amateur market in our area. They seem to think that Amateurs are not worth bothering with.

Polypaks advertizes in the other ham magazines and is a good source. Get a catalogue. Also try James electronics; PO Box 822, Belmont California 94002; Bill Goudbout Electronics, Box 2355, Oakland Airport, CA. 94614.

Get the catalogs and compare for the best price. I will try to steer you to the cheapest suppliers of the parts for upcoming projects.

Next month you will need a 741 op amp, a 100pf capacitor and a 1meg pot. Also several resistors and capacitors. What we will build is a speech amp that could be used for other things as well. 73

CLEM and ORVILLE

BY
K37FL



LET'S GITHER UP
OUR STUFF AN PULL
OUT OF HERE



SIDES - That skuddy ol. widder is too noseey.

We goin to set up
IN Granpeppys CABIN...
TOP-O Sweeney Summit.





This is a good HIGH spot.
We can get out on
ALL BANDS.

Code & Theory classes in DuBois are a big success. 14 people have showed up and 8 have passed code tests already! WA3IHK, K3QEQ and WN3AFS have been teaching. Most students are pleasantly surprised to discover that they can copy the code!

QCARC

K3VAD and W3RNR are handling classes in the Punxs'y High. The Punxsy High Radio Club has a membership of around 27 - 30 members, including CBers and experimenters. K3VAD is a Math teacher, and W3RNR teaches power technology. Four students are about ready for their exams.

QCARC

More Punxs'y news. K3HWJ and K3VAD are both planning to set up a Ham Radio exhibit at the Punxsutawney Hoboy Show this July.

QCARC

Doc VanCheri, W3BWH was in the Adrian Hospital for a couple of weeks recuperating from a mild heart attack. His doctor told him to take it easy for a couple of months, so we'll be hearing more of him on the ham bands.

QCARC

BACK ISSUES of the Parasitic Emission ARE available. The first three issues are free but we only have about 20 of each (some are "recirculated" i.e.: returned by the post office) and will be available on a first-come-first-served basis. The rest are available on a by-order basis and we are asking a \$1.00 donation to facilitate the cost of reproduction for them.

VOLUME I:

- | | | |
|----|----------------|-----------|
| #1 | April 18, 1975 | ... Free |
| #2 | May-June 1975 | ... Free |
| #3 | July 1975 | ... Free |
| #4 | August 1975 | ...\$1.00 |
| #5 | September 1975 | ... 1.00 |
| #6 | October 1975 | ... 1.00 |
| #7 | November 1975 | ... 1.00 |
| #8 | december. 1975 | ... 1.00 |

VOLUME II:

- | | | |
|----|------------|--------|
| #1 | January 76 | ..\$1. |
|----|------------|--------|

This is the last time this offer will be made for vol. I. Send donations to IHK with a self-addressed, stamped (with 13¢ postage for each newsletter ordered) large ^{envelope} (9x12 for the first 3 issues, 7x10 for the others). All donations for the newsletter improvement fund. (we really need it!)

At last count we have 47! (no, not 47 factorial) count-'em, 47 members! Not all of these can show up at the meetings, but roughly half have been making the scene regularly. Meet yet another of our members in this month's Ham of the Month column.

QCARC

Coming in next month's Parasitic Emission... A computer generated list of 2-meter beam headings from any point in the QCs to any other point and to various local repeaters...an introduction to IC devices...Ham PR in the QCs... pictures...articles..., and our regular features.

QCARC

WA3GQU is back on the air with his repaired Clegg FM27-B. Welcome back, Fred.

QCARC

WA3BUX will be steering the VHF & FM column now, so IHK can conduct the new Experimenter's Workbench feature ~~starting~~ this issue.

QCARC

WA3UFN is now licensed again and on 2FM with a new Genave GTX-10. WA3GNS picked up a new ICOM IC-22A and has been having a fine time mobile and fixed from St. Mary's.

QCARC

WA3IHK has a new M-Tech 65 watt power amp for his ICOM. He has been experimenting with a speech processor with not-too-encouraging results.

QCARC

W3IE, Wilbur "Bumps" Rimer has sent in an application for Emergency Coordinator appointment for Elk County. Let's all work with Bumps and see if we can get organized for help in emergencies. True, our area is blessed with few if any natural disasters, but we could be of service to other groups in more disaster prone areas by being able to relay, and we could set up special events like helping in search-and-rescue efforts that need volunteer help. For the moment, W3IE will be the man to contact about all emergency matters.

New wrinkle in 11 meter DX activities... pseudo-hams are now using "HF" prefixes with a ham type call following. Using USB with rather poor quality indicative of the CBER's embrace of 100% modulation (or more!) on 27.3 to 27.5 mhz. Who needs channels with Yaesus, Swans and Heathkits? Wide use of ham terms, Q-signals and absence of 10-code makes one wonder...

QCARC

Sorry about the late mailing of the newsletter this month, but many factors are involved. Better luck next time, I guess.

QCARC

A ham thought his rig needed tweaked,
So he tweaked 'till the meters all peaked,
Then the unlucky cuss
Latched on to B-plus,
And the current tweaked him 'till he shrieked!

There's a ham on the two meter scene
Whose amplifier is green;
So we say, "Lotsa luck."
To our good old BUX
Who can't seem to balance his screens!

A ham thought his beam was detuned,
So he very carefully pruned.
He thought it was long,
But lo! He was wrong;
And now his antenna is ruined! -IHK

QCARC

C'mon - Anybody can write for the Parasitic Emission! You don't have to be a literary genius... Just grab that pencil and write. If we get the darn thing by the 20th (which is incidentally the meeting date) we'll put it in the next issue.

QCARC

One more call... IHK is working (the darn fool) on a BIG history of ham radio in the Quad Counties. EVERYBODY who had anything at all to do with our hobby ever is invited to contact him and spout forth whatever information he can. IHK plans to have it all published in book form by Dec., so get cracking!!!

the



PARASITIC EMISSION
c/o Joe Shupienis, WA3IHK
515 W. Washington Ave.
Du Bois, PA. 15801

**SPECIAL "LATE"
ISSUE! HOPE WE
STILL CAN SEE YOU AT
THE MEETING FRIDAY!!!
— IHK**

third class mail