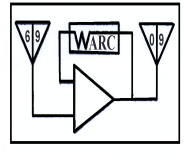




# FEEDBACK



Warminster Amateur Radio Club

Web Site <http://www.k3dn.org>

December 2001

## Next Meeting December 6th - Holiday Dinner

### President's Message



Another year draws to a close and therefore we are approaching WARC's annual Holiday Dinner. The dinner is always a fun social event for the club where WARC members and their guests get together to enjoy an evening. We also take an opportunity during the evening to offer a short tribute to those members of the club who have passed away in the past year. Special thanks go to Doug N3RJE and Bernie N3RJD for the effort they have put into the dinner to make it such a great event. We also cannot forget Bert N3YVH for all the door prizes he has obtained for the dinner as well as acting as Master of Ceremonies.

We also just completed public service communications support for the (almost) annual Turkey Trot five mile run in Newtown, PA. As we have done in the past two runs, myself, Ron NY3J, Al WI3Z, Mike W3MJP and Bill K3MFI set-up Automatic Position Reporting System (APRS) trackers and a base so everyone could see the lead and tail runner's progress. This year, we operated APRS on the national frequency and had the best track ever. This also let everyone who has access to APRS see what we were up to. Thanks must go to Doc W3GAD for organizing the club's support of this event.

Finally, I want to take a moment to wish you and your families a safe and joyous year end.

Mark Kempisty - N3GNW  
President  
Warminster Amateur Radio Club

### December Special Events

- Camden, NJ:** Victor Amateur Radio Association (VARA), W2VTM. 0000Z Oct 23 to 2400Z Dec 23. Celebrating the 100th Anniversary of RCA-Victor in Camden, NJ. 28.250 21.350 14.300 7.250. Certificate. Victor Amateur Radio Association, c/o L-3 Communications, 1 Federal St, Camden, NJ 08103. See <http://www.qsl.net/w2vtm> for details.
- New York, NY:** NYC METRO, Inc and Floyd Bennett Senior Squadron, N2C. 0000Z Dec 1 to 2400Z Dec 2. 60th Anniversary of Civil Air Patrol. 28.660 21.360 14.260 7.260. Certificate. NYC METRO, Inc (KN2MET), Attn: B. Schwartz, 72-222 153rd St, 2H, Flushing, NY 11367-2642.
- Baton Rouge, LA:** USS Kidd Amateur Radio Club/Baton Rouge ARC, W5KID. 1500Z to 2300Z Dec 7. Pearl Harbor Day--the anniversary of the death of Rear Admiral Isaac Campbell Kidd, Sr. 28.440 21.340 14.240 10.060. QSL. W5KID, 305 River Rd, Baton Rouge, LA 70803.
- Tempe, AZ:** SHARC, K7A. 1400Z Dec 7 to 2359Z Dec 9. Commemorating the USS Arizona Memorial 60th Anniversary. 28.470 21.370 14.270 7.270. Certificate. SHARC, 1104 East Campus Dr, Tempe, AZ 85282.
- Wilmington, NC:** Shelby Amateur Radio Club, N4C. 0400Z Dec 7 to 1600Z Dec 9. From the USS North Carolina, in honor of the 60th anniversary of Pearl Harbor. 28.420 14.260 7.260. QSL. Mark Beaver, KA4TFP, 2007 Taylor Rd, Shelby, NC 28152.
- Baltimore, MD:** Historical Electronics Museum Amateur Radio Club, W2W. 1400Z Dec 8 to 2200Z Dec 9. Commemorating the Pearl Harbor attack, December 7, 1941. 14.245 14.045 7.245 7.115. Certificate. HEMARC W2W, PO Box 746, MS 4015, Baltimore, MD 21203.
- Vandenberg AFB, CA:** Satellite Amateur Radio Club, W6AB. 1600Z Dec 8 to 0400Z Dec 10. Celebrating the 40th Anniversary of the OSCAR-1 launch (Dec 12, 1961). 29.550 21.440 14.250 7.250. QSL. Satellite ARC, PO Box 5117, Vandenberg AFB, CA 93437.
- Green Bay, WI:** Live-Wire Group, N9ZRT. 0000Z to 2400Z Dec 12. Celebrating Marconi's 100th Anniversary transatlantic contact with a kite antenna. 28.355 18.155 14.285 7.245. QSL. David H. Hatch, 887 St Charles Dr, Green Bay, WI 54311.
- Baltimore, MD:** Historical Electronics Museum Amateur Radio Club, N1S. 1400Z Dec 15 to 2200Z Dec 16. Celebrating the 100th anniversary of the Marconi transatlantic message. 28.348 21.115 14.245 7.115. Certificate. HEMARC N1S, PO Box 746, MS 4015, Baltimore, MD 21203.
- Bethlehem-Nazareth, PA:** Christmas City ARC and Delaware-Lehigh ARC, WX3MAS. 1200Z Dec 15 to 2400Z Dec 16. Celebrating the Annual Season Greetings from the Twin Christmas Cities. 28.465 21.365 14.265 7.270 3.970. Certificate. CCARC/DLARC WX3MAS, Greystone Bldg, Gracedale Complex, RR 8, Nazareth, PA 18064-9211.
- Merchantville, NJ:** Amateur Radio Lighthouse Society (Member 001), K2JXW. 0001Z Dec 22 to 2359Z Jan 2. Lighthouse Christmas Lights 2001. 28.373 21.373 14.273 7.273. QSL. Jim Weidner, K2JXW, 114 Woodbine Ave, Merchantville, NJ 08109. Visit [ARLHS.com](http://ARLHS.com) for details.
- Trenton, NJ:** Delaware Valley Radio Association, K2GW. 1400Z to 2000Z Dec 26. 225th Anniversary Washington Crossing the Delaware. 14.270 7.270. QSL. Gary Wilson, K2GW, 587 Flock Rd, Hamilton Square, NJ 08690.

*Courtesy The ARRL Newsletter*

### NOVEMBER MINUTES

Meeting Called to order by Mark Kempisty N3GNW

Introductions

Guests John Cawthorne  
KE3S

Brian KB3DVT

Minutes Approved as printed in *Feedback*.

President Mark N3GNW

PA QSO Party Marty NR3Z is accepting logs.

Storage Space Ockanixon Scout Camp did not work out.

During meeting, arrangements were made. Details at next meeting.

*(Continued on page 2)*

*The Warminster Amateur Radio Club is a volunteer-based organization. Without the selfless work performed by volunteers such as yourself, there would be no Club.*



(Continued from page 1)

Incorporation and 501 (3)(c) Information has been found about our incorporation ca. 1982. Russ Tobias will be looking into it.

Board Committee and club informal dinner meeting November 8, 6:30 PM Chinese Buffet, York Rd.

Exec Board Meeting Nov 27  
Vice President Tony N3YNH  
ARRL night tonight with WB3FPL  
EPA Section Manager Guest Speaker.

Holiday Dinner Burt N3YVH  
Same as last year...Only Better!

Treasurer Report Vahan KB3DHU  
Secretary Report Dave AA#UR  
Committee Reports

Membership Bud K3TPM, Mark WA3QBU  
127 Active, 84 Inactive  
Three ways to enjoy *Feedback*

1. Snail Mail...Do Nothing
2. On Website Let us know to save postage
3. Text File emailed to you Let us know to save postage

Holiday Dinner Burt N3YNH  
6:30 PM, DJ with Music, 100 Door Prizes. Bring a non-perishable food item for donation.

Repeater  
No response for tower from State authorities yet.

Meeting Adjourned, Refreshments, and WB3FPL Guest Speaker.

### **-LEGAL NOTICE-**

Section 1 of the By-Laws of the Warminster Amateur Radio Club, Inc., a Pennsylvania non-profit corporation ("the Club"), requires that a constitutional committee be convened at least once every 3 years by the Executive Board to receive and review changes and additions to the Constitution and By-Laws of the Club. This committee shall review these changes and submit them to the Executive Board for processing. Any

changes will then be presented to the Secretary at a regular club meeting, published in *Feedback*, then voted upon at the next Club meeting afterwards.

These documents dictate how our club functions, and affect every member. Copies are located on the club web page at <http://www.k3dn.org/constitution.htm>. Please submit any proposed changes to: Constitutional Review Committee, Warminster Amateur Radio Club, Inc., PO Box 113, Warminster, PA 18974 by December 31, 2001. If this seems like too much work, your ideas are still wanted - just e-mail them to [rtobias@densitometer.com](mailto:rtobias@densitometer.com) before then, and they will be printed out for submission to the Committee.

### **Gap Antenna Review by Ron Wenig, NY3J**

I am now convinced that your antenna is the most important part of your ham station. For a long time I was frustrated with the receive capabilities of my radio. The station I was trying to receive was buried in lots of noise. It seemed stations could receive my transmissions ok so I ruled out the antenna. I thought for sure it was my Kenwood TS440S. Maybe it needed to be reworked or maybe I just needed to trade it in on a new rig. I finally decided on upgrading the antenna system here at the house. I saw good reviews on the Gap antenna so I decided to give it a try. After installing it I couldn't believe how much my radio came alive. Instead of just amplifying noise I was able to hear intelligent signals. Here's my review of the antenna.

The model is the Titan DX made by Gap. The Titan is a center fed vertical and doesn't require the long radial wires that some verticals use. It does require a counterpoise which consists of 4 rigid aluminum tubes that extend 80 inches out from the

antenna. These rods are connected at the end with wire so if it is ground mounted this area would be enclosed. I'm going to try to mount the antenna on a longer pipe so this area won't be blocked and to make cutting the grass easier. Mounting it on the ground was a plus for me because I wanted to keep it off of roof. It keeps a low profile in the neighborhood and eliminates any interference with the house.

Another reason I purchased this antenna was its coverage. Its range is the entire 10 to 80 meters including all of the WARC bands without a tuner. I pick a spot and can start transmitting without having to worry about the SWR. On the 80 meter band it will only cover a 100 khz section. This is one of the adjustments you make when setting it up.

Installing the antenna is very easy. It uses telescoping sections which are secured by screws. The bottom is comprised of double wall tubing and where it mounts to the mast the antenna is triple wall. This means guys are not necessary. It is 25 feet tall and weighs 25 pounds so it's tough for one person to handle.

So if you think your radio's receiver is performing poorly look to your antenna. Don't rush right out and purchase that big expensive radio. In fact the big radio won't do you any good if your antenna system isn't functioning properly. And if you have limited space and would like to mount something on the ground so you don't have to climb towers, your roof, or trees then think Gap. For the money this is a pretty good antenna.

### **Club Station**

The WARC club station is open to anyone with an interest, on Tuesday evenings between the hours of 7:00 and 9:00 pm. For further information, call George Brechmann N3HBT at 215-443-5656.

(Continued on page 3)

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### **WARC ALUMNI MEMBERSHIP**

Attention all former WARC members. At the March 4, 1999 General Meeting, revisions to our club's constitution were approved that among other things, establishes a new Alumni membership category for former WARC members who are unable to attend meeting and Club activities on a regular basis due to health considerations or travel impediments. Dues for the Alumni membership were established at \$8.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Contact Alumni Coordinator Randy Gehman (N3LJE) or Membership co-chair Bud Bechtel (K3TPM) or Membership co-chair Mark Hinkel (WA3QVU) for more information.

### **FOR SALE**

YEASU FT-ONE All mode solid state general coverage transceiver with internal power supply. Great rig. All options including: FM unit, keyer unit, RAM unit and all optional filters. Accessories include: Operating Manual, Technical Manual, MD1-B8 desk mike with remote controls, and matching YH-55 headphones. \$500.00 Contact Rocky, N3FKR, n3fkr@ar1.net

### **For Sale List - WC3Q - Silent Key**

Icom IC-A2 HT VHF Aircraft "Airband Transceiver" AM 5w w/ CM-7 Battery CM-12 (10x AA) battery pack Wall Charger Case Ear Bud CM-1 Cig. lighter cord Com only (no VOR) Org. box  
Paid \$459 \$250/offer

Icom IC-03AT HT 220 FM 2.5w 10 Memories Plus Call Channel with BP-70 Battery and Delcom (8x AA) battery pack BC-16u wall charger Cig. Lighter cord Manual Org. box  
Paid \$259 \$125/offer

Icom IC-8A Mobile 220 FM 25w/5w 21 Memories Tone Encode only with up/dn Speaker/mic (HM-16) Nice desk mount - wood base Manual  
Paid \$419 \$225/offer

Icom IC-2330A Mobile 2m/45w and 220/25w FM with Diamond MX-214 duplexer TT/mic (HM-14) Nice desk mount - wood base  
Paid \$911 \$350/offer

Diamond X2200A Antenna 2m/220 150w 11.5 ft  
2m/ 1/4 wave plus a 1/2 wave = 6.0 Db Gain 220/ 3x 5/8 wave = 7.8 Db Gain <http://www.rfparts.com/diamond/base2.html>  
Brand new - Current List \$183.95 Paid \$173.95 \$125/offer

MFJ 1752 220 Mhz 5/8 Wave Base station ground plane  
Mounts to 1 1/4 TV mast Brand new - Still in the box  
<http://www.mfjenterprises.com/products.php?prodid=MFJ-1752>  
Paid \$25 \$20

Icom IC-04AT HT 440 FM 5w 10 Memories Plus Call Channel w/ BP-7 Battery (600ma batteries installed in Feb. '98) Delcom (8x AA) battery pack BC-16u wall charger CP-1 Cig. lighter cord Manual  
Paid \$329 \$150/offer

Icom IC-32AT HT 2m/5.5w and 440/5w 20 Memories Plus Call Channels w/ BP-5a Battery (600ma batteries installed in Feb. '98) BP-4 6x AA Battery Pack Realistic Speaker/mic BC-35 Desk top charger Cig. lighter cord UT-40 Encode/Decode Tone Board w/pocket beep This radio is a one-band-at-a-time Dual Bander with a very nice Priority Watch and Scan/Priority Watch receiver.  
Paid \$549 \$250/offer

Icom HT Accessories:

BP-4 AA Battery Pack (6x AA cells) Brand New - Still in the Box Paid \$18 \$9

BC-35 Desk top charger (for older BP-Batteries)  
Paid \$79 \$35/offer

Bonicell 12 volt 1 amp Wall power supply

Unusual wall pack with Cig. lighter socket on front Cig. lighter cord w/ 2.1mm coaxial plug  
Paid?? \$10

MAX System Antenna Small vertical and 4 radials mounted in short PVC tube w/ SO-239 connector Brand New - Still in the Box  
Paid \$39.95 \$25/offer

Mobile Radios:

Icom IC-228A 2m FM 25w/5w 20 Memories plus Call Channel w/ TT/mic (HM-14) UT-40 Encode/Decode Tone Board w/ pocket beep Very nice Solid sound from onboard speaker Or receiver audio will drive external speaker Nice desk mount - wood base  
Paid \$319 \$150/offer

Icom IC-229H 2m FM 50w/25w/10w/5w 20 Memories plus Call Channel w/ TT/mic (HM-56A) UT-51 Encode Tone Board (UT-50 required for Encode/Decode/Pocket beep - not included) Receiver audio will drive external speaker Nice desk mount - wood base  
Paid \$399 \$225/offer

Azden PCS 7500H 6m FM 50w w/ TT/mic Nice desk mount - wood base  
Paid \$389 \$250/offer

Uniden "President" HR-2600 10m AM/FM/10w and SSB/25w pep w/ portable whip antenna Nice desk mount - wood base  
Paid \$259 \$100/offer

Shack equipment:

Kantronics KPC-3 TNC (KISS mode - all software

(Continued on page 4)

(Continued from page 3)

controlled) w/ mic  
cable for IC-228A/IC-229H and serial  
computer cable  
Paid \$119 \$50/offer

AEA MBA-RO Reader Morse -  
Baudot - ASCII reader  
w/ Photo copy manual  
Paid \$59 \$25/offer

Base station antennas:

Diamond Vert.  
antenna F23A 2m 200w 15ft  
2m/ 3x 5/8 wave = 7.8 Db Gain w/  
SO-239 conn.  
<http://www.rfparts.com/diamond/base1.html>  
Brand new - Current List \$137.95 Paid  
\$127.95 \$85/offer

Butternut Vert.  
Antenna 2MVCV 2m/3db 9ft.  
The old "Trombone" 3 half  
wavelengths (flat radiating pattern??)  
Looks new Paid \$59 \$25/offer

Diamond X50A Vert.  
Antenna 2m/440 200w 5.6ft  
2m/ 3x 1/4 wave =  
4.5db 440/ 3x 5/8 wave = 7.2db w/  
SO-239 conn.  
<http://www.rfparts.com/diamond/base2.html>  
Used as portable ant. Like new  
condition  
Current List \$109.95 Paid  
\$99.95 \$60/offer

MAX Quad System 2m 5 element  
Quad Antenna w/ SO-239 conn. New  
in box  
Paid \$59.95 \$45/offer

MFJ 1750 2m 5/8 Wave Base station  
ground plain  
Mounts to 1 1/4 TV mast Brand new -  
Still in the box  
<http://www.mfjenterprises.com/products.php?prodid=MFJ-1750>  
Paid \$25 \$20

Portable Antennas:

MFJ 1763 2m 3 Element Portable

Yagi  
Mounts to 1 1/4 TV mast Brand  
new - Still in the box  
Boom is 30 1/2 x 1 3/4 x 1 1/4 inches  
<http://www.mfjenterprises.com/products.php?prodid=MFJ-1763>  
Paid \$45 \$40

New Wave Portable Antenna Mast  
Big Foot Antenna Mount Drive on  
(or Park on) ground mount with the  
Traveler, 19ft push up mast (59in  
collapsed)  
Brand new - Still in the box  
Paid \$119 + \$124 = \$244 \$200

Contact Harold Cassidy directly;  
E-mail: Harold Cassidy  
<K3OMX@juno.com>  
Phone: 215-675-3845

### **Hello Fellow Hams,**

I wanted to take this opportunity  
to extend an invitation to  
your members to participate in  
monthly 2 Meter Transmitter Hunts  
(fox hunts) conducted by The  
Pottstown Area Amateur Radio Club  
(PAARC) who sponsors the  
147.210/.810 repeater. We currently  
have Hams from Montgomery,  
Chester, Berks, Bucks, Lancaster and  
Schuylkill Counties represented  
at these events. Maybe some of your  
members already know about them.  
Some may be already enjoying the  
hunts. But so many more are unaware  
and that is where I need your  
assistance.

Whatever means you use to  
communicate to your group . . .  
whether it be nets, emails, meetings,  
newsletters or just word of mouth, **I**  
**would appreciate your help in**  
**getting the word out to your**  
**organization.**

There are no fees. The hunts are NOT  
timed (only) events. They are geared  
towards all skill levels. If someone  
wants to just ride along to see what it  
is all about or act as a navigator, they  
are welcome. PAARC provides a  
basic map identifying the 5 mile "hunt  
zone." We keep the rules simple. The

emphasis is placed on the fun and  
adventure. Snacks & beverages  
are provided afterwards. We  
haven't lost a single "out-of-  
town" yet!

At recent hamfests where flyers  
were circulated and on our  
repeater, several Hams have said  
that they enjoy or are interested in  
fox hunting but can never find an  
event. Or they cannot get enough  
local interest going to conduct  
one, themselves. We have the  
solution.

We also envision a point in the  
future where we could identify a  
regional group of fox hunting  
enthusiasts. If there is sufficient  
widespread interest then we could  
rotate venues to accommodate  
events in other areas. We are also  
planning a website to show  
pictures from our events.

Transmitter hunting is the fastest  
growing activity in amateur radio  
today.  
This is an opportunity to find out  
why.

For further information and to be  
placed on an e-mail notification  
list please contact: Bob Rex at  
k3dbd@arrl.net.

If anyone would like to obtain a  
some write-ups (via email) on  
recent hunts, email me at:  
n3kas@yahoo.com.

Thanks again for your help.

Reg Leister, N3KAS

### **WARC JACKETS, SHIRTS AND HATS**

**Are available. Delivery within  
one month of placing order- the  
more we order, the lower the  
prices. See Bob (K3SRO) or call  
him at 215-822-7474 for order  
forms and cost information.**

(Continued from page 4)

**FAR ANNOUNCES 2002 SCHOLARSHIPS**

The Foundation for Amateur Radio, a non-profit organization headquartered in Washington, DC, plans to administer 62 scholarships for the 2002-2003 academic year. FAR--composed of more than 75 local area Amateur Radio Clubs--fully funds seven of these scholarships using the income from grants and its annual hamfest. The remaining 55 are administered by FAR without cost to the donors.

Amateurs Radio licensees may compete for these awards, if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from \$500 to \$2500. Preference in some cases goes to residents of certain geographical areas or to those pursuing certain academic programs. FAR encouraged clubs--especially those in Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and Wisconsin--to announce and promote these scholarship opportunities.

For more information or an application, send a letter or QSL card, postmarked prior to April 30, 2002, to FAR Scholarships, PO Box 831,

Riverdale, MD 20783. The Foundation for Amateur Radio is an exempt organization under Section 501(c)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service. For more information, visit the FAR Web site <<http://www.amateurradio-far.org/>>.

*Courtesy The ARRL Newsletter*

**SOLAR UPDATE**

Solar sage Tad Cook, K7VVV, Seattle, Washington, reports: Because of the short work week and ARRL Headquarters schedule (ARRL was closed Thursday and Friday, November 22-23), this update was prepared November 21 and lacks the usual solar flux, sunspot numbers and geomagnetic data.

Jeff Hartley, N8II, in West Virginia (FM19) reported the best European 6-meter opening of this solar cycle on November 16. He reports working 117 Europeans from 1340 to 1728 UTC. He said British calls dominated, but he also worked as far east as Poland and Bulgaria. Europeans were working as far west as Ohio, Michigan, Arkansas and Texas.

It has been a quiet week, with no big geomagnetic upsets. The most active

day was Monday, when the planetary A index was 16 and K indices went as high as four. Solar flux and sunspot numbers have been declining.

The latest projection calls for solar flux of 180, 175, 170, 170 and 175 for Wednesday through Sunday, and planetary A indices of 10, 10, 10, 8 and 8 for those same days. Although the forecast is for moderate A indices, there is a chance that sunspot 9704 could emit some Earth-directed explosions.

*Courtesy The ARRL Newsletter*

**1296 NOTE**

(Editors Note: The original e-mail has been modified to reflect the changes that have already occurred.)

This email is going out to everyone that has at one time used my repeater on 1.2 GHz. I wanted to inform everyone that the repeater is being upgraded to an Icom repeater. The old frequency was 1294.950 -20. The NEW frequency is 1294.100 -20. There will be a PL of 127.3 but a PL will generally not be required to access the new machine. Please make a note that the frequency has changed to 1294.100. Thanks and hope to hear you soon.

73 DE K3PHL  
Steve

**2001-2002 Contest Calendar**

**Month Contest**

**December**

07 - 09 ARRL 160 Meter Contest  
15 - 16 ARRL 10 Meter Contest

**January**

19 - 21 ARRL January VHF Sweepstakes

**February**

16 - 17 ARRL International DX Contest CW

**March**

02 - 03 ARRL International DX Contest Phone



➤ **CLUB EQUIPMENT**

WARC members can borrow club equipment- see the club Vice-President, who is responsible for keeping track of club property. In addition to the normal HAM JUNQUE, we have two ICOM HT's with accessories (one for 2 meters; one for 440mhz) and an ICOM 2 meter all-mode available. WARC policy is to make club equipment available on a three (3) month loan policy to club members. As custodian of club property, you will have to sign a form acknowledging your financial responsibility to WARC in the event the loaned equipment is lost or damaged.  
DE, Mark Kempisty, N3GNW

## ATLANTIC DIVISION HAMFESTS - 2001

+ *indicates ARRL Hamfest*

9 Jan 2002 Ham Radio Auction-Fest Philadelphia, PA  
Phil-Mont Mobile Radio Club <http://www.phil-mont.org>

27 Jan 2002 + Maryland Mobileers ARC Odenton, MD  
<http://www.qth.com/mobileers/>

### CONVENTIONS and CONFERENCES

*73' de Bernie Fuller N3EFN, Director Atlantic Division ARRL*

### V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must bring two forms of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC'S 2001 test fee is **\$10.00**.

- ◆ **Warminster Amateur Radio Club**, Monthly, Last Wed. 7:00 pm - Tom Michaud, WA3TQJ, 215-343-3494.
- ◆ **Bellmawr, NJ**, Monthly, 3rd Thursday - Bill Helmatag - 609-546-7710.
- ◆ **Levittown, PA**, Monthly, 1st Saturday - George LeNoir, WR3B, 215-943-4886.
- ◆ **Telford, PA**, Monthly, 3rd Monday - Joe Burgess, W3PNL, 215-723-6697.
- ◆ **Philadelphia, PA**, Monthly, 1st Thursday - 6:00 pm Philmont Mobile Radio Club at the Franklin Institute Dusty Rhoads, ND3Q, 215-482-0386



#### *The Warminster Amateur Radio Club Announces Free Ham Radio Instructional Classes*

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, Morse code, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space shuttle.

We'll help you learn the theory and practices that make for a most enjoyable hobby. There's no telling just how far you'll go unless you make the first move and give yourself a chance to explore the world.

**Free classes are starting: January, 2002  
At The Benjamin Wilson Senior Center  
580 Delmont Avenue, Warminster, PA**

**For info. [altemus@gac.usa.com](mailto:altemus@gac.usa.com) or call:215-855-3856 , 6 to 10 pm Ask for George**

### Area Repeaters

| VHF          |                 |
|--------------|-----------------|
| 145.310      | R.F. Hill       |
| 145.350      | Doylestown R.C. |
| 145.525      | Penn Wireless   |
| 146.685      | Holmesburg      |
| 146.925      | Willingboro     |
| 147.000      | Ham Buegers     |
| 147.030      | Phil-Mont       |
| 147.090      | Warminster      |
| 147.165      | Delmont R.C.    |
| 147.270      | Frankford       |
| 147.300      | BEARS           |
| 147.390      | CBRA            |
| 145.330      | Hilltown        |
| <b>220</b>   |                 |
| 224.580      | PackRats        |
| UHF          |                 |
| 443.250      | TAG             |
| 443.050      | Metro-Comm      |
| 443.950      | Warminster      |
| 444.200      | BEARS           |
| 449.325      | KA3WXV          |
| 447.475      | WR3B            |
| 447.625      | WE3E            |
| 448.225      | Penn Wireless   |
| <b>6 Mtr</b> |                 |
| 53.030       | WA3BXW          |
| 53.230       | N3DQZ           |
| 53.370       | K3MFI           |
| <b>1296</b>  |                 |
| 1294.100     | K3PHL           |

#### Goddard ARC

##### Shuttle Rebroadcast Frequencies

| Frequency  | Mode         | Band      |
|------------|--------------|-----------|
| 3,860 kHz  | (LSB)        | 80 meters |
| 7,185 kHz  | (LSB)        | 40 meters |
| 14,295 kHz | (USB)        | 20 meters |
| 21,395 kHz | (USB)        | 15 meters |
| 28,650 kHz | (USB)        | 10 meters |
| 147.45 MHz | (FM Simplex) | 2 meters  |

#### Metro-Link repeater network

|         |                 |
|---------|-----------------|
| 29.62   | Chester, PA     |
| 147.135 | Buckshootum, NJ |
| 147.315 | Chester, PA     |
| 223.96  | Millville, NJ   |
| 223.98  | Ocean city, NJ  |
| 224.68  | Eagleville, PA  |
| 224.96  | Chester, PA     |
| 443.00  | Linwood, PA     |
| 443.05  | Chester, PA     |

### Net Schedules

|           |      |                       |                |
|-----------|------|-----------------------|----------------|
| Sunday    | 2100 | 10 Meter Net          | 28.440 MHz     |
| Wednesday | 2030 | 2 Meter Net           | 147.09 Rptr.   |
| Wednesday | 2030 | Linked w/ 2 Meter Net | 443.95 Rptr.   |
| Sunday    | 2030 | Informal Net          | 223.15 Simplex |
| Thursday  | 2000 | Bucks Cnty RACES Net  | 145.35 Rptr.   |
| Thursday  | 1900 | Mont. Cnty RACES Net  | 146.235 Rptr.  |



**Are you submitting an article for the Feedback ?**

Contributions of articles to be published are always accepted for consideration. Please follow these guidelines:

- Submit in IBM format on a floppy disk.
- Or via E-Mail to:  
**wa4ywm@comcat.com**
- Or via snail mail to:  
**FEEDBACK EDITOR**  
Warminster Amateur Radio Club  
Box 113  
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k, but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Thursday after the Club meeting.
- Volunteers are needed for folding at the Board Meeting, Ben Wilson Center, last Thursday of the month, 7:30 PM.

*Bucks Bagels*  
1179 York road (RT. 263)  
Warminster, PA  
674-1400

*"Home of the fresh, not frozen dough"*

The annual dues rate structure is as follows:

**Full Member: \$ 20.00**  
**2nd Family Member: \$ 10.00**  
**Student: \$ 10.00**  
**Alumni: \$ 8.00**  
**12th grade or under: \$ 5.00**

- Are your dues current ?
- Check the date on your Feedback mailing label.

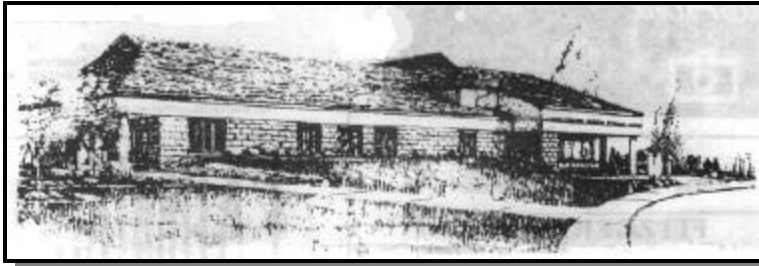
**2001-2002 Officers**

Executive Officers

|                |                  |        |          |
|----------------|------------------|--------|----------|
| President      | Mark Kempisty    | N3GNW  | 953-1493 |
| Vice-President | Tony Simek       | N3YNH  | 674-5218 |
| Secretary      | Dave Porter      | AA3UR  | 579-0597 |
| Treasurer      | Vahan Shahinian  | KB3DHU | 442-1243 |
| Director (E)   | Burt Ludin       | N3YVH  | 441-4483 |
| Director (E)   | George Brechmann | N3HBT  | 443-5656 |
| Director (A)   | Al Konschak      | WI3Z   | 491-9941 |
| Director (A)   | Hugh Hart        | N3SOQ  | 773-8451 |
| Past President | Rocky Pistilli   | N3FKR  | 572-5330 |

Committee Chairpersons

|                         |                    |        |              |
|-------------------------|--------------------|--------|--------------|
| Feedback Editor         | Jim Elmore         | WA4YWM | 538-1889     |
| Membership co-Chair     | Bud Bechtel        | K3TPM  | 659-9093     |
| Membership co-Chair     | Mark Hinkel        | WA3QVU | 6594449      |
| Field Day '02           | Doc Whitticar      | W3GAD  | 968-0641     |
| Field Day '02 co-chair  | Stu Simon          | K2QBU  | 345-9295     |
| Grange Fair '02         | Frank O'Neill      | N3UQP  | 699-9549     |
| Hamfest '02             | Bill Strunk        | K3ZMA  | 882-0749     |
| January '02 VHF Contest | Joe Bagnick        | N3EMA  | 997-2539     |
| PA QSO Party '02        | Marty Squicciarini | NR3Z   | 393-1492     |
| Picnic '02              | Mark Kempisty      | N3GNW  | 953-1493     |
| Adopt-A-Highway         | Hugh Hart          | N3SOQ  | 773-8451     |
| Archives                | Frank O'Neill      | N3UQP  | 699-9549     |
| Alumni Coordinator      | Randy Gehman       | N3LJE  | 822-9473     |
| ARES Liaison            | Mike Patton        | W3MJP  | 491-9665     |
| ARRL Liaison            | Kristina Pistilli  | KB3ECW | 572-5330     |
| Awards Mgr.             | Vince Pironti      | KD3TC  | 674-0446     |
| Classes                 | George Altemus     | KA3WXV | 855-3856     |
| DXpedition              | Doc Whitticar      | W3GAD  | 968-0641     |
| Special Interest Groups | Ron Wenig          | NY3J   | 638-9257     |
| CW/QRP co-chair         | Marty Squicciarini | NR3Z   | 393-1492     |
| Digital/APRS co-chair   | Ron Wenig          | NY3J   | 638-9257     |
| FM/Repeater co-chair    | Mark Hinkel        | WA3QVU | 659-4449     |
| HF co-chair             | Dennis Shegda      | N3KRE  | 657-7283     |
| Satellite co-chair      | Joe Bagnick        | N3EMA  | 997-2539     |
| VHF/UHF/MW co-chair     | Al Sheppard        | N3ITT  | 610-847-5490 |
| Emergency Coordinator   | Stu Simon          | K2QBU  | 345-9295     |
| Fundraising             | Erik D'Onofrio     | N3YNX  | 675-9165     |
| Hamwear                 | Bob Wilderman      | K3SRO  | 822-7474     |
| Holiday Dinner co-chair | Berni Lindinger    | N3RJD  | 343-5249     |
| Holiday Dinner co-chair | Doug Mahoney       | N3RJE  | 343-5249     |
| Interference            | Tom Michaud        | WA3TQJ | 343-3494     |
| Net Manager             | George Brechmann   | N3HBT  | 443-5656     |
| Notary Public           | Whitey Metzger     | AA3FT  | 947-0843     |
| Publicity               | Alan Ash           | KA3YCG | 357-9286     |
| RACES Liaison           | Bob Phillips       | KA3VKU | 766-0456     |
| Refreshments            | Randy Gehman       | N3LJE  | 822-9473     |
| Repeater Coordinator    | Brian Taylor       | N3EXA  | 257-6303     |
| Station Trustee         | George Brechmann   | N3HBT  | 443-5656     |
| Sunshine Club           | Joan Charlton      | N3CJH  | 675-2549     |
| Township Liaison        | George Brechmann   | N3HBT  | 443-5656     |
| VE License Testing      | Tom Michaud        | WA3TQJ | 343-3494     |
| WEB Site Coordinator    | Al Konschak        | WI3Z   | 491-9941     |
| Youth Programs Co-Chair | Al Folsom          | KY3T   | 343-8851     |
| Youth Programs Co-Chair | Steve Larson       | WW3Y   | 822-1511     |

**Club Station****Meetings****Talk To Us**

The Club Station - K3DN - is located at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. The station is open for club members and the interested general public on non-holiday Tuesday evenings from 7 to 9 pm . The station is fully operational on HF (80 meters through 10 meters ) both phone and CW. There is an assortment of amateur radio shareware which may be copied under the shareware licensing agreement.

For additional information on the Club Station please call the Station Manager N3HBT - George at 215-443-5656.

- WARC Meetings are held the first Thursday of each month at 7:30 pm at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. Talk in is available on the 147.09 & 443.950 repeaters.

**APRS on 144.390**

K3DN is also operating APRS on 144.390

**Internet Connection**

For general club correspondence:  
k3dn@k3dn.org

**For Feedback articles:**

wa4ywm@comcat.com

**Visit our Home Page on the WWW:**

<http://www.k3dn.org>

**Federal Communications  
Commission**

1270 Fairfield Road  
Gettysburg, PA 17325

***License Information***

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**FEEDBACK**

Warminster Amateur Radio Club  
Box 113  
Warminster, Pa 18974

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