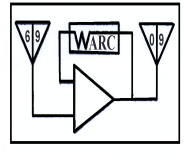




# FEEDBACK



Warminster Amateur Radio Club

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

February 2002

## Next Meeting February 7th - Club Auction

### President's Message



Another January VHF contest has come and gone and I managed to work a number of friends during the course of the contest. Overall contest Participation seemed a bit low this year, but if you got on the air at the right times, you were the new kid on the block and everybody would be calling you. At one point I was running a rate of over 45 contacts an hour which in any contest is not bad. The next step is for all of us to get our logs together and bring them to the club meeting for Joe Bagnick N3EMA to collect and forward on to the League. If you decide to send them in yourself, make sure that you use out official club contest name (Warminster ARC) so your score will be merged with that of the club's. The Holmesburg Amateur Radio Club of Philadelphia is sponsoring the second annual Delaware Valley 2 Meter Simplex Contest on February 2, 2002 from 7-11 PM local time. This contest allows hams to meet their neighbors on the air as well as give many the opportunity to experience something else besides repeater contact. While this is not an official club contest for us it would be nice if you could get on the air and let everyone know WARC is present and accounted for. Since the contest is only a couple of hours long on a Saturday night, you do not have to dedicate your whole weekend to it. You can also use this as an opportunity to try out electronic logging, though you will likely have to configure the logger for the contest as I suspect nothing already exists. I hope to meet you on the air during this one.

February brings us the annual WARC auction with Tom Michaud WA3TQJ as our esteemed auctioneer. Since one

### February Special Events

- Saranac Lake, NY:** Tri-Lakes Amateur Radio Club, W2C. 1500Z **Feb 2** to 2000Z **Feb 10**. Celebrating the 105th Annual Winter Carnival. 14.257 14.045 7.250 7.045. QSL. Tri-Lakes Amateur Radio Club, Box 95, Saranac Lake, NY 12983. See <http://home.adelphia.net/~tlarc/news.html> and ad in this issue.
- Houghton, MI:** Husky Amateur Radio Club W8YY, W8C. 0300Z **Feb 6** to 0300Z **Feb 10**. Celebrating Winter Carnival 2002. 28.365 21.365 14.265 7.265. Certificate. Husky Amateur Radio Club, W8YY EE Dept MTU 1400 Townsend Dr, Houghton, MI 49931.
- Orlando, FL:** Orlando Amateur Radio Club, K4H. 1300Z **Feb 7** to 1700Z **Feb 10**. Celebrating 55 years of Orlando HamCation. 28.405 21.275 14.320 7.275. Certificate. Quentin Jones, KU4WD, 1802 Colleen Dr, Orlando, FL 32809.
- Washington, PA:** Washington Amateur Communications, W3C. 1600Z **Feb 7** to 2000Z **Feb 10**. 2002 Washington County Sportsmen's Show. 28.460 21.375 14.270 7.270. QSL. Ed Oelschlagler, N3ZNI, Washington Amateur Communications, 1696 E Maiden St, Washington, PA 15301.
- Grantsville, UT:** West Desert ARC (W7EO), W7U. 0000Z **Feb 8** to 0000Z **Feb 24**. 2002 Winter Olympic Games. 28.400 21.300 14.250 3.768. QSL. W7EO, PO Box 98, Grantsville, UT 84029.
- Myrtle Beach, SC:** Grand Strand ARC, W4GS. 1130Z to 1900Z **Feb 9**. Celebrating the 6th Annual Myrtle Beach Marathon. 28.365 21.265 14.265. Certificate. Glen Bowden, 703 Connie Ct, Myrtle Beach, SC 29588-6003.
- Ft Myers, FL:** Ft Myers Amateur Radio Club, Inc, W4LX. 1500Z **Feb 11** to 2100Z **Feb 15**. The Edison Festival of Lights and Thomas Edison's Birthday. 28.430 21.330 14.230 7.230. Certificate and QSL. FMARC, PO Box 61183, Ft Myers, FL 33906.
- Marquette, MI:** Hiawatha Amateur Radio Association, K8LOD. 2000Z **Feb 15** to 2000Z **Feb 17**. Celebrating the 13th running of the UP 200 Sled Dog Championship. 21.300 14.225 7.225 3.850. Certificate. Rich Schwenke, N8GBA, 21 Smith Ln, Marquette, MI 49855.
- Alexandria, VA:** Mount Vernon Amateur Radio Club, K4US. 1600Z **Feb 16** to 2100Z **Feb 17**. Commemorating George Washington's Birthday. 18.080 14.240 10.110 7.240. Certificate. Mount Vernon ARC, PO Box 7234, Alexandria, VA 22307.
- Round Rock, TX:** Cen-Tex Contest Group, WA5DTK. 0001Z **Feb 23** to 2359Z **Mar 6**. Commemorating the siege days at the Alamo. 28.465 21.265 14.265 7.265. QSL. Barry Brewer, WA5DTK, 603 Broken Bow Dr, Round Rock, TX 78681-7401. For more information, e-mail [jbrewer@constant.com](mailto:jbrewer@constant.com).
- Baton Rouge, LA:** USS Kidd ARC/Baton Rouge ARC, W5KID. 1500Z to 2300Z **Feb 28**. Commemorating the anniversary of the USS Kidd Launch. SSB: 10, 15, 17, 20 m inside General band and above RTTY subband. QSL. W5KID, 305 River Rd, Baton Rouge, LA 70803.

*Courtesy The ARRL Newsletter*

person's junk is another's treasure this gives you a chance to go through your junk boxes/piles/storerooms/warehouses (OK I'm getting a little carried away) and bring in those things you no longer need and would like to donate to the club. Tom will auction it off to the highest bidder with the proceeds going to the club. Tom always makes this a lively event and he will guarantee that you'll end up with a bargain.

Finally, work has started on the new tower at the township building. Some of the ground at the tower location has been dug up to test the soil for contamination. Within the next couple of months the new cellular phone tower

*(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)

should be in place and we will have our antennas moved from their current location to the top of the new tower. This will give our signal a big boost and improve our coverage into New Jersey. I -- for one -- am looking forward to that.

I hope to see all of you at the next meeting. Until then...

73,  
Mark Kempisty - N3GNW  
President  
Warminster Amateur Radio Club

### January Minutes

The meeting was called to order by Mark N3GNW. Two guests were present, Rich Dunning from the Bucks County Road Runners and Steve W4SNW. Introductions followed.

Mark wished everyone a Happy New Year. He also announced the January VHF Sweepstakes running from Jan 19, 2002 to Jan 21, 2002. This is one of two club-sponsored contests. Brian N3EXA is "point man." Logs should be submitted in Cabrillo format. Two directors were elected by the membership. Congratulations to Burt N3YVH and N3HBT. A good time was had by all at the annual Holiday Dinner. Thanks, again, to Burt N3YVH who did a terrific job as MC. Mark reminded all that the Hamfest is scheduled for Sunday May 5, 2002 at the Grange Fair Grounds. This is the major money-maker for the club.

Tony N3YNH listed the coming meeting programs. February will be the annual auction with Tom WA3TQJ. Items are auctioned with proceeds going to the club. There will be a Homebrew night in July coinciding with the annual Pizza night.

Vahan KB3DHU presented the treasurer's report.

Russ KB3UI pointed out that the November minutes had not yet been approved since we had not conducted business at the December Holiday

Dinner meeting.. The November minutes as published in *Feedback* were quickly approved.

Membership report was given by Bud K3TPM. We had 4 renewals.

George N3HBT brought us up to speed on the repeater. The erection of the new tower has been delayed due to a buried oil tank. It must be dug up and removed. Mark N3GNW added that he will update the scheduler and the daylight savings time macro soon. George N3HBT reported that no public service is scheduled until March. Doc W3GAD reminded us that the March of Dimes walk will be held the last weekend in April. It will require a substantial number of people. Field Day is also coming on the fourth full weekend in June.

Rich Dunning from the Bucks County Road Runners thanked us for our participation in the Turkey Run held on Thanksgiving Day. 276 runners participated and they raised and donated \$2600 and 500 pounds of food to the Beth Anna Home.

Mark N3GNW has certificates for those who participated in the last Hole in One coverage.

Tom KA3FQS will begin Amateur Extra Classes on Monday, January 7, 2002 7:30 to 9:00 PM. Beginning March 11, a no-code tech class will also run.

RACES/ARES All ARES ID cards should have been upgraded by now. New members can sign up on the website.

Adopt-a-highway

Hamfest: Looking for vendors. Talk up the hamfest on repeater to help sway vendors to sign up for our hamfest.

The New QSL cards are being

shipped.

Feedback is now available on line in both PDF and text formats. About 20% of club members are taking advantage of this method of delivery that saves the club on both printing and postage charges.

By-law Revision Committee  
Russ KB3UI is making recommendations to the club for changes to the by-laws that will allow filing for IRS section 501 3 C Non-Profit status. This will provide the club with some attractive capabilities such as reduced postage, and provide the members with the ability to deduct contributions to the club. Steve W4SNW has done this for the West Florida Section and will provide Russ with additional information.

Bill has two biographies for loan:  
One on Marconi and one on Hiram Percy Maxim.

Good and Welfare:  
Jack Jones' (W3NTD) wife.  
Romeo has moved to a nursing home in Upper Bucks County. Burt N3YVH has information.

Meeting was adjourned.  
Refreshments and a discussion of Ham Radio in the '50's and '60's ensued.

### Lending Library?

I have recently read two books that may interest other members of WARC. The first is a biography of Marconi, last December was the 100th anniversary of the first transatlantic transmission by him and the second is a biography of Hiram Percy Maxim, founder of the ARRL., also inventor of the Maxim silencer and winner of the first automobile track race in the U.S.. Neither book is very technical in content and both are more about the interesting lives these radio pioneers lived. I am willing to LOAN them to

(Continued on page 3)

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WARC members, please send me an email at k3zma@k3dn.org. Several people made requests at the January meeting and I asked that they email me, lousy memory here.

I would like to borrow from any WARC member any of the following books for a short while:

"INTERFERENCE HANDBOOK" by Bill Orr, W6SAI, or "RADIO FREQUENCY INTERFERENCE BOOK" or "RFI, how to Find it and Fix It" from ARRL. 73's, Bill K3ZMA

### Warminster Amateur Radio licensing Classes

#### **Entry level ham radio classes in March, 2002**

These licensing classes start on March 11th at 7:30 PM till 9:00 PM and run every monday evening till May 27th at the Benjamin Wilson Community Center. The classes are free but the students will be responsible for any study guides.

For further information call: George Altemus at altemus@drs-fsc-comm.com or call 215-855-3856 or George Brechmann at 215-443-5656

### 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.

### 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

#### 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 case - Wall Charger - Case—Ear Bud - CM-1 Cig. lighter cord - Com only (no VOR) - Manual - Org. box - Paid \$459. \$175.00/offer.

220 Radios:

Icom IC-03AT HT 220 FM 2.5w 10 Memories Plus Call Channel w/ BP-70 Battery and Delcom (8x AA) battery pack - BC-16u wall charger - Cig. lighter cord - Manual - Org. box - Paid \$259.00 \$100.00/offer

Icom IC-2330A Mobile 2m/45w and 220/25w FM w/ Diamond MX-214 duplexer - TT/mic (HM-14) - Nice desk mount / wood base - Manual - Paid \$911.00 \$250.00/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 \$100.00/offer

HT's:

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 case - BC-16u wall charger - CP-1 Cig. lighter cord - Manual - Paid \$329.00 \$80.00/offer

Icom HT Accessories:

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

MAX System Antenna  
Small vertical and 4 radials mounted in short PVC tube w/ SO-239 connector - Brand New Still in the Box - Small adjustable - Can be carried in a big pocket - Can be used to transmit and receive from 130 MHZ to 300 MHZ - Higher in 3/4 wavelength mode - Paid \$29.95. \$15.00/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 - Manual - Nice desk mount - wood base - Paid \$319.00 \$125.00/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 - Manual - Nice desk mount wood base - Paid \$399.00 \$150.00/offer.

Azden PCS 7500H 6m FM, 50w Mobile w/ TT/mic. - Manual - Nice desk mount wood base - Paid \$389.00 \$200.00/offer

Uniden "President" HR-2600 10m AM/FM/10w and SSB/25w pep Manual - Nice desk mount wood base - Paid \$259 \$75.00/offer

Shack equipment:

Kantronics KPC-3 TNC

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(KISS mode - all software controlled) - 6.0 installed - w/ mic. Cable for IC-228A/IC-229H and serial computer cable - Manual - Paid \$119. \$50/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 \$75.00/offer

MAX Quad System 2m - 5 Element Quad Antenna w/ SO-239 conn. - Great for field day - New in box - Paid \$59.95 \$30.00/offer

MFJ 1750 2m 5/8 Wave Base station ground plain antenna  
Mounts to 1 1/4 TV mast  
<http://www.mfjenterprises.com/products.php?prodid=MFJ-1750>  
Brand new - Still in the box - Paid \$25.00 \$15.00/offer

Portable Antennas:

MFJ 1763 2m 3 Element Portable Yagi  
Mounts to 1 1/4 TV mast - Boom is 30 1/2 x 1 3/4 x 1 1/4 inches  
<http://www.mfjenterprises.com/products.php?prodid=MFJ-1763>  
Brand new - Still in the box - Great for Field Day - Paid \$45 \$30.00/offer

New Wave Portable Antenna Mast and 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 - Great for Field Day - Paid \$119 + \$124 = \$244. \$180.00/offer

Contact Harold Cassidy (Brian's father) directly;  
E-mail: Harold Cassidy  
<K3OMX@juno.com>  
Phone: 215-675-3845

## SOLAR UPDATE

Solar seer Tad Cook, K7VVV, Seattle, Washington, reports: Average sunspot numbers rose more than nine points this week, and average solar flux dropped nearly eight points, so solar activity was about the same as last week. There weren't any days with big geomagnetic upsets. Saturday was slightly unsettled, with the planetary K index at four over two of the three-hour reporting periods. Because of lower indices earlier, the planetary A index for the day was only 11.

Latest projections show stable geomagnetic conditions well into next month, with planetary A indices in the low and mid single digits. This is generally good for HF operators because of lower absorption. Predicted solar flux for Friday through Sunday is 225.

NASA reported this week that the previous two solar cycles were double-peaked, and the current one is also. At one time we believed that Cycle 23 peaked in mid-2000, but then a larger peak emerged in late 2001. No doubt this explains all that fabulous F2 layer propagation on 6 meters last fall. You can read NASA's story on the Science@NASA Web site  
<[http://science.nasa.gov/headlines/y2002/18jan\\_solarback.htm](http://science.nasa.gov/headlines/y2002/18jan_solarback.htm)>.

Sunspot numbers for January 17 through 23 were 122, 156, 153, 212, 187, 178 and 272 with a mean of 182.9. The 10.7 cm flux was 211.8, 210.5, 213.7, 222.2, 224.5, 228.7 and 226.5, with a mean of 219.7. Estimated planetary A indices were 6, 5, 11, 7, 9, 6 and 6 with a mean of 7.1.

*Courtesy The ARRL Newsletter*

## PENNSYLVANIA RACES MEMBERS ACTIVATE FOR NURSING HOME FIRE

Hams responded December 15, 2001, after fire broke out at Cedarbrook County Home in South Whitehall Township and soon was upgraded to a four-alarm fire.

Emergency Management Agency Coordinator James Kelly, KA3UQP, began opening temporary shelters in anticipation of the evacuation of the 515 residents. He notified the South Whitehall EMA team that included Jeff Kelly, N3MFT, who is the Township EMA Communications Officer, Lehigh County Emergency Coordinator and RACES Radio Officer. It was agreed that RACES would be activated to staff the shelters and provide additional support.

A net was established, and Deputy RACES Officer Bruce Bobo, KB3FIH, directed operations from the county's mobile command center at the fire scene. RACES members were deployed to the scene as well as at shelter locations and the local trauma center. Over the next 24 hours, more than two dozen RACES members helped to provide communications until temporary shelters had shut down and residents transported to

### **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)  
appropriate care.

On December 17, Lehigh County EMA contacted Kelly for RACES to assist in coordinating the return of patients to the facility, which received smoke and water damage. Bobo said RACES was called back in to help because it was determined that the amateur system had the best communications coverage over the four-county area where patients had been sheltered temporarily. More than 20 RACES members from Lehigh and Northampton counties provided support for the safe return of all 515 residents. Authorities expressed appreciation to the RACES teams and for use of the W3OI 146.94, W3OK 146.70 and N3MFT 448.775 MHz repeaters.--Jeff Kelly, N3MFT

*Courtesy The ARRL Newsletter*

**NEW HF AMATEUR RADIO ANTENNA INSTALLED ON ISS**

Amateur Radio on the International Space Station gained a new HF antenna January 25--although there's no HF gear aboard the ISS as yet. The antenna--the second of four slated for installation aboard the Service Module--was put into place during a spacewalk--or EVA --conducted by Expedition 4 Crew Commander Yuri Onufrienko, RK3DUO, and astronaut

Dan Bursch, KD5PNU.

The antenna is a flexible -tape design--similar to, but longer than, a VHF-UHF antenna installed during a January 14 EVA by Onufrienko and astronaut Carl Walz, KC5TIE. ARISS Board Chairman Frank Bauer, KA3HDO, said the antenna would be installed at the end of the Service Module in the 2 o'clock position (6 o'clock is pointing toward Earth).

The HF antenna is a 2.5-meter (8.2-foot) long flexible tape. Bauer thinks it will definitely work on 10 meters and speculated that it might work on 15 or 20 too. Bauer added that he did not know when HF gear would be transported to the ISS nor when it might be made available for use by a future crew.

The EVA lasted several hours and also involved attaching six thruster plume deflectors on the ISS as well as the ham antenna work. Installation involved not only the mechanical deployment of the antenna but routing cables, establishing the RF connection and even photographic documentation.

A paper entitled "2001: an Amateur Radio Space Odyssey on the International Space Station," which details the development of ARISS and discusses the four new ARISS antennas is available via the ARISS Web site <<http://ariss.gsfc.nasa.gov/EVAs/amsat01.pdf>>.

The Expedition 4 crew is tentatively scheduled to speak with students at Butte High School in Montana the week of January 28. The contact was being arranged either via Tony Hutchison, VK5ZAI, in South Australia or via WH6PN at Sacred Hearts Academy in Honolulu.

**ARRL EMERGENCY COMMUNICATIONS COURSE**

Amateur Radio Emergency Communications Course registration: Registration for the Level III Amateur Radio Emergency Communications Course (EC-003) will remain open over the January 26-27 weekend--or until the 50 seats are filled. February registration for Level I will open Monday, February 4, at 4 PM Eastern Time. Courses must be completed in order, starting with Level I. To learn more, visit the ARRL Certification and Continuing Education Web page <<http://www.arrl.org/cce>> and the C-CE Links found there. For more information, contact Certification and Continuing Education Coordinator Dan Miller, K3UFG, [cce@arrl.org](mailto:cce@arrl.org).

*Courtesy The ARRL Newsletter*

**2002 Contest Calendar**

<b>Month</b>	<b>Contest</b>
<b>February</b>	16 - 17 ARRL International DX Contest CW
<b>March</b>	02 - 03 ARRL International DX Contest Phone
<b>June</b>	08 - 10 ARRL June VHF QSO Party
	22 - 23 ARRL Field Day



**> 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 - 2002

+ *indicates ARRL Hamfest*

5 May 2002 + Warminster ARC Wrightstown (Bucks County), PA  
<http://www.k3dn.org>

### CONVENTIONS and CONFERENCES

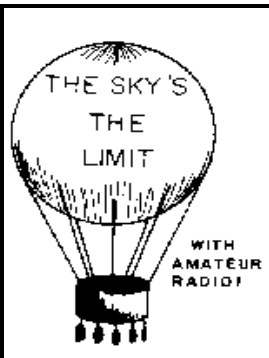
6-7 Apr 2002 \* Maryland State Convention Timonium, MD  
 Baltimore ARC <http://gbhc.org>

*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.

Entry level classes are starting: **March 11, 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 (PL 127.3 as needed)

### 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	223.5 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.

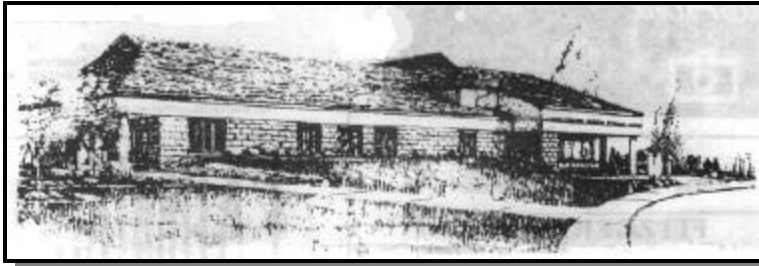
**2002 Officers**

**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***

800-322-1117 - M-F 0800-1630

***Fax-On-Demand 202-418-0177***

**FEEDBACK**

Warminster Amateur Radio Club  
Box 113  
Warminster, Pa 18974

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