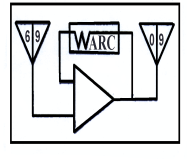




FEEDBACK



Warminster Amateur Radio Club Web Site <http://www.k3dn.org>

April 2003

Next Meeting April 3rd - QRP Radio

President's Message



Ah, spring at last! After this past winter I am sure you can all agree the weather over the past week or two has been delightful. With the improved weather also comes many public service events where the Warminster Amateur Radio Club, Inc. is asked to provide communications support for various event organizers. The first one is on Saturday, April 5th at the Pennypack Ecological Trust. They are doing a clean up of some of the trust areas and need communications support for the clean-up crews. Burt Ludin N3YVH is handling sign-ups and will have them at the next meeting on April 3rd.

With the advent of spring and early summer our thoughts also turn toward Field Day weekend on June 28 - 29. Field Day is as much a contest as it is a test of WARC's and our emergency preparedness. While emergencies are never planned, Field Day does give us a chance to see how we would react to an actual emergency situation. Even with all the advance notice we have for Field Day we still find ourselves with numerous issues that pop-up in the last minute that we have to deal with. We will be starting set up at the National Shrine of Our Lady of Czestochowa on Friday evening, June 27 and finishing Saturday morning in preparation for the contest's afternoon start. Stu Simon K2QBU is our chairman for this event and will gladly take your name if you would like to join us.

Field Day is a great opportunity to demonstrate amateur radio to children and others interested in what we do. Please let anyone you know that

April Special Events

Waterville, ME: Waterville Area Wireless Association, WA1WA. 1500Z-1700Z **Apr 5.** Kids on the air. 14.280. QSL. Waterville Area Wireless Association, R4 Box 8043 Matheson Ave, Winslow, ME 04901.

Marathon, NY: Skyline Amateur Radio Club, K2IWR. 1400Z **Apr 5**-2100Z **Apr 6.** The Long Tradition of Maple Syrup Production In New York. 14.267. QSL. Skyline ARC, PO Box 5241, Cortland, NY 13045.

Indian Orchard, MA: Yankee Wireless Association, W1MGY. 1330Z **Apr 11**-0527Z **Apr 15.** Commemorating the 91st anniversary of the *Titanic* disaster, and 40 years of the *Titanic* Historical Society. 14.260 14.033 7.033 3.860. QSL. *Titanic* Historical Society QSL, PO Box 51053, 208 Main St, Indian Orchard, MA 01151-0053. <http://www.titanichistoricalsociety.org/>.

Sopchoppy, FL: Sportsman's Paradise Amateur Radio Club, W4G. 1600Z-2000Z **Apr 12.** Celebrate the 3rd Annual Worm Gruntin' Festival. 28.350 14.260 146.550. QSL. Sportsman's Paradise ARC, PO Box 1840, Crawfordville, FL 32326-1840.

Detroit, MI: Motor City Radio Club, W8MRM. 1500Z **Apr 12**-2000Z **Apr 14.** *Titanic*-The Artifact Exhibit @ New Detroit Science Center. 14.244 14.044 7.244 7.044. Certificate. Motor City Radio Club, PO Box 337, Wyandotte, MI 48192-0337. Any CW operators wishing to operate W8MRM contact MCRC and bring your license.

Marcus Hook Rear Range, DE: Amateur Radio Lighthouse Society, W3IYQ. 1400Z-2000Z **Apr 19.** ARLHS Spring Lights QSO Party. 14.270 SSB 14.035 CW. Certificate. John L. Sielke, 1353 Samuel Dr, Vineland, NJ 08360.

Ashland, OHIO: Ashland Area Amateur Radio Club, W8O. 1300Z-2100Z **Apr 19.** Ohio Bicentennial Event. 7.250 3.900. Certificate. AAARC, 432 Center St, Ashland, OH 44805.

Norman, OK: South Canadian Amateur Radio Society, W5NOR. 1500Z-2300Z **Apr 26.** Commemorating the Land Run of 1889 that opened Oklahoma Territory. 28.389 21.389 14.289 7.289. QSL. SCARS, PO Box 720993, Norman, OK 73070.

Piscataway, NJ: Piscataway Amateur Radio Club, K2VOA. 0000Z-2400Z **Apr 26.** Former Voice of America relay station WBOU. 28.370 21.370 14.270 7.270. Certificate. Bill Toth, W2BT, 6 Rivercrest Dr, Piscataway, NJ 08854.

Farmville, NC: Brightleaf ARC, W4AMC. 1200-2400Z **Apr 26** and 1200-1800Z **Apr 27.** The 16th Annual Farmville Dogwood Festival. 28.440 21.340 14.240 7.240. QSL. Brightleaf Amateur Radio Club, PO Box 8387, Greenville, NC 27835.

Lexington, KY: Bluegrass BSA Council, AG4LB. 0000Z **Apr 26**-1800Z **Apr 27.** Xtreme Scouting. General SSB freq and PSK31, 10-80 m. QSL. Lou Berry, 160 W Tiverton Way, Lexington, KY 40503. For more information: loulin@alltel.net.

Manitowoc, WI: USS *Cobia* Radio Club/Mancorad Radio Club, N9BQV. 1400Z **Apr 26**-2200Z **Apr 27.** WWII USS *Cobia* AGSS-245 sub radio reactivation. 28.343 21.343 14.243 7.243. QSL. Fred Neuenfeldt, W6BSF, 4932 S 10th St, Manitowoc, WI 54220.

Marion, IN: Grant County ARC, W9EBN. 1700Z-2200Z **Apr 27.** McNatt United Methodist Church Ham Sundry Fellowship Event. 7.255 14.255 28.410 146.79. Certificate. L. B. Nickerson, 517 N Hendricks Ave, Marion, IN 46952.

Wells County, IN: Grant County Amateur Radio Club, W9EBN. 1700Z-2200Z **Apr 27.** McNatt United Methodist Church Ham Sunday Fellowship Event. 146.79 28.410 14.228 7.228. Certificate. L. B. Nickerson, K9NQW, 517 N Hendricks Ave, Marion, IN 46952.

Courtesy The ARRL Newsletter

might be interested when and where we will be. Nothing better demonstrates our abilities than doing them in less than perfect conditions. In our current times, amateur radio is one link in being prepared for any emergency.

I hope to see you all at our April meeting. Until then...

73's,
Mark Kempisty - N3GNW
President
Warminster Amateur Radio Club

(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)

WARC Meeting Minutes March 6, 2003

Meeting called to order by Mark N3GNW at 7:41PM

Introductions: Microphone passed around room. Visitors included, AA3I, KA3WDZ and K3TMA

Minutes: No corrections to minutes. Accepted as printed in feedback.

Officer Reports:

President (Mark N3GNW)

Public Service: April 5th is Penny pack Cleanup-Burt is handling sign-up sheet

Reserve last Sunday in April for March of Dimes-Doc W3GAD coordinating

Elections: June elections are coming up. W3MJP agreed to Chair nominating committee

Constitutional Review: Last round of comments went to Russ last week. He has sent an update to the Board for review. If it all looks good, it will go to the membership for a vote.

Vice President (Tony N3YNH)

Tonight's program is ARRL night, guest speaker is Eric Olena. Next month Carter Craggy has agreed to come talk to us about QRP. In May we have Bob leas from Montgomery County RACES. June is homebrew night and the Pizza social.

Treasurer: Not present

Secretary – Not able to attend this meeting. Minutes taken by K2QBU.

Committee Reports:

Hamfest Committee (Mark (GNW - N3ZMA not present): Vendor mailing went out. General mailing was stamped up at the last Board meeting. Hamfest scheduled for May 4th.

Public Service (Burt N3YVH): American Cancer Society June 13 (or there about).. Looking for ham radio operators in shifts to shadow leadership—details on web site. In addition, Polish American Festival at shrine will need operators.

Repeater Report (Brian N3EXA): We had a problem with the audio on the 2-meter repeater. It has been cleaned up and is working properly now.

Classes (George KA3WXV): There are two sets of classes coming up. There is an entry level no-code class starting March 10th for 12 Mondays in a row. This Saturday we will begin a highly intensive entry level course for kids that can't commit to the longer series on Mondays. This class will be 3 Saturdays (March 8, 15 and 22nd) for kids 10-15 years of age. The sessions will run from 9Am till 3PM. It is suggested that students bring a brown bag lunch.

Membership (Bud K3TPM): Not a lot to report. Bud requested all members that had badges made please pick them up.

Field Day (Stu K2QBU): 27-28 June 2003 is Field day weekend. Anyone who wants to be a band captain please let Stu know. Mark's wife has agreed to be the cook and food person this year. There will be more data as we get closer. Since ARRL is giving extra points for operating from an EOC this year, a question was raised about changing location. It was agreed that we would set up Field Day at the Shrine again this year. A letter has been sent asking permission to use the site.

Scouting (Steve WW3Y): We have reworked the shack at Oakanickin, it is now air conditioned. The radio is now on folding tables (FT-1000Mp, 1KW amplifier, Packet). We have two towers with two beams. We

need to create a couple of workstations with locked areas. We will build benches to store equipment and which can be used as seats when the equipment is locked up in them. I am also looking for 6 battery operated clocks and some adjustable folding chairs. There is a sign-up sheet for anyone who can help in the construction or later in working with the scouts.

Grange Fair (Doug WA3DSP): This year the fair will be in the middle of August. We were not there last year. I would like to have a special event station. If you have any ideas for the special event station, let me know. The event runs 5 days Wednesday through Sunday. If you want to volunteer let me know.

Old Business: No old business

New Business:

Mark (N3GNW) We are usually short in balancing the cost of donuts/coffee with the 50/50. We are placing a donation can at the coffee area if you want to contribute.

Jack (W3NTD): Radio Shack came out with a digital scanner to cover public service frequencies in the area. The cost is around \$700. Bearcat also has one out at about \$700.

Good and Welfare: None

Meeting Adjourned at 8:17PM

Respectfully submitted,

Stu Simon, K2QBU

Meeting Info – Tony Simek, VP

May - ARES RACES - Bob Lees

June - Pizza Social/Homebrew Night

July - DISASTER PREPAREDNESS - Ellen Hui, AA3AI (tentative)

(Continued on page 3)

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May 4, 2003, our 29th Annual Hamfest

Below is a list of the members in charge of the major jobs at our next WARC Hamfest 2003 on May 4th. I have contacted them and they will be responsible for lining up their helpers, you all know the drill ! I am in need of people to lead in two areas, the early Front Gate ticket collection (from before 6:30 to about 8 AM) and also someone to run the 50/50 drawing this year.

General Tickets (front gate) Early - NEEDED

Later - George KA3WXV

50/50 Tickets - NEEDED (training available from Burt)

Vendor Tickets - Bill K3MFI

Vendor Parking - Bob KA3VKU

General Parking - Jim WA4YWM

Signs (Saturday) - Gene NO3N Route 232 (S) Alan KA3YCG Route 413 (S) Bill K3ZMA Routes North and West

Indoor Vendor Check-in/Tickets - Roy K3TEN

Test Table - Paul K3PTA

WAS verification - Vince KD3TC

Club Table - Stu K2QBU

ARRL Table - Steve WW3Y

PA system - Mark H. WA3QVU

VE Testing - Tom WA3TQJ

Saturday Night Security & Other - Doc W3GAD

Saturday set-up and Sunday clean-up - Bill K3ZMA

I will post last years volunteer list at the next two meetings and you can check what job you signed up for last year or

change your selection. There are also opportunities galore for people to provide break relief for others as well as sitting jobs for those not up to a lot of walking.

THIS IS THE CLUB'S BIG FUND RAISER, THERE IS A SUITABLE JOB FOR EVERYONE. SO PLEASE PARTICIPATE !
Thanks, 73, Bill K3ZMA

Public Service

The official date for the 2003 spring stream clean up at Pennypack Trust (PERT) is the morning of Saturday, April 5. 10-15 operators will be needed. Think sun, warmth and Spring.

Please contact Burt Ludin
N3YVH (215) 441-4483 / Email
N3YVH@K3DN.ORG

Volunteers wanted June 13th 2003 American Cancer Society's Relay for Life Event.

Location: Upper Moreland High School Track Time: 8AM-8PM

The event directors are asking for 12 volunteer radio operators' min for each shift to shadow staff during set up and during the first day activities.

Relay for life is a 24-hour team event to raise money for cancer research, education programs and services for cancer patients and their families. Teams of 10- 15 people will set up their campsite and take turns walking around the tract relay-style to raise money and demonstrate their commitment to fight cancer.

During the 24 event there will be music, entertainment, food, contests and games for everyone to enjoy.

Please contact Burt Ludin

N3YVH (215) 441-4483 / Email
N3YVH@K3DN.ORG

March of Dimes—April 27
Doc, W3GAD is coordinating

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.

SOLAR UPDATE

Sun watcher Tad "Seasons in the Sun" Cook, K7RA, Seattle, Washington, reports: This has been quite a week for geomagnetic storms. The average daily planetary A index—a measure of geomagnetic activity averaged over 24 hours from the planetary K indices in the same period--was about 20 points higher this week than last. This was caused by a near-constant strong solar wind accompanied by solar flares.

Solar flux and sunspot numbers declined this week over last. Average daily sunspot numbers dropped nearly

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82 points to 92, and solar flux was down by more than 14 points.

This trend is expected to continue, with solar flux below 100 through the middle of next week. Unsettled to active geomagnetic conditions also should continue, at least over the next few days.

Sunspot numbers for March 13 through 19 were 88, 114, 124, 121, 80, 64 and 53, with a mean of 92. The 10.7-cm flux was 134.2, 138.9, 130.7, 128.6, 164.1, 118.4 and 108.2, with a mean of 131.9. Estimated planetary A indices were 15, 25, 24, 23, 39, 26 and 14, with a mean of 23.7.

Courtesy The ARRL Newsletter

The History of HAM

Contributed by Russell Tobias KB3UI

I was going through an old issue of our newsletter, and saw in the April 1998 issue a story about why radio amateurs are called HAMS -referring to the Harvard Radio Club. Rereading the story, it was such a tearjerker, that it occurred to me, the old partypooper - wonder if it's true! So I took a look on the Internet and searched under "Albert Hymen", and found several places where the exact same story had appeared, verbatim. That raises a red flag for me, because an urban myth often gets repeated because the repeater never bothers to check it out, resulting in the same story being reported over and over. A true story usually is reported independently from multiple sources, and there will be different often slightly differing versions of it around.

So I then searched under "Harvard Radio Club" for references - again the exact same story kept coming up an unbelievable number of times (50), but little else, which makes me think that if Harvard does have an amateur radio club, it probably doesn't have that name. A search of Harvard

University's web site shows that it does have an amateur radio club with a club station call of WIAF, and claims to be the nation's oldest amateur radio club(established 1909, one year after 1908 when the HAM call was supposedly first used, except that it was in 1901 when it was changed from "HY-AL-MU", to HAM because of some confusion with their previous station's name and the name of a Mexican ship, and 1911 that Albert Hyman [was it Hyman or Hymen?]) supposedly wrote his thesis on the wireless regulation bill - I know Harvard is a tough school, but did it take 10 years to get a degree there back then?

Peggy Murray - were Radcliffe students allowed to join Harvard student activities back in 1901, 1908, or 1911?), but it was called the Harvard Wireless Club. Also, no mention in Harvard's archives of the HAM story. In the search for "Harvard Radio Club", buried in the twenty-third entry under the title "Go back home To send me email, remove the 'spam.me.not-' part" is a single item which confirms what I had suspected. The item is entirely fiction, apparently the product of a Dr. Albert Hyman in an article that appeared as a sidelight in a medical journal article, but apparently not true.

"In 1990, John Huntoon, WIRW, contacted WOCO, past president of the Harvard Wireless Club, and also went through all the records of the period 1908-1912 of the Senate Commerce Committee, and there is no record of Dr. Hyman or Bob Almy or Peggie Murray.

"There is a record of the appearance before the committee of W.E. Stokes Jr. pleading on behalf of Amateur Radio against greedy commercial interests, and related newspaper stories. It appears that Dr. Hyman, for some reason, claimed the story as his own.

"Many people well-qualified to express an opinion as to the probable

origin of the work "ham" agree that at least one thing is sure - the Hyman story is fiction. The matter is best summed up in this comment from Dick Baldwin, WIRU, in a letter to ZLIAN:

" 'As you know, I worked for the ARRL for many years, and for most of those years John Huntoon, whom you quoted, was my boss. We had many discussions about the origin of the word 'ham.' His careful research, and that of others as well, has thoroughly debunked the Hyman story. The truth of the matter is that nobody is really sure how the word 'ham' came into use. Its origins are lost in antiquity.' What's interesting about this second story is that it has not been repeated - unfortunately, as a result of the ongoing battle against spammers, the author has chosen to remain anonymous, but his call appears to be K4JRG. I can't even be sure that this second article is true, but it certainly seems more likely to me than the original story. Whenever I see evidence that debunks a popular urban myth, I ask the person who sent it to me to in turn contact his/her source and so on, to make sure that the other side of the story is heard. I have yet to have anyone do so - most people are too ashamed to admit that they were less critical than they should have been. As amateur radio operators whose role above all is that of communicators, especially in emergency situations, we need to take precautions to ascertain whether information that we are

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)

passing on is verifiable or at least from a reliable source. While this particular story is quite harmless, other stories might not be, and in any case, if not true, it wastes a lot of human and electronic resources when it's repeated, obscuring what may have really happened. The result is that the interference from this story may have sadly drowned out the real story of the origins of an important history about our hobby.

Since Warminster Amateur Radio Club's newsletter Feedback is accessible by the Internet and through search engines, I hope that those who might uncover the original story in this way will also see this rebuttal, and that our Club may be the first to possibly right a wrong retransmitted through the pages of its publication.

**RADIO COMMENTATOR
PAUL HARVEY PLUGS HAM
RADIO'S EMERGENCY
COMMUNICATIONS ROLE**

Veteran ABC Radio Networks commentator Paul Harvey this week offered some kind words for Amateur Radio. The mention was the second item on "page four" of his March 19 Paul Harvey Noon News and Comment program.

"America's quiet warriors are the legion of ham radio operators, 700,000 of them, who are always at ready for backup duty in emergencies -- amateur, unpaid, uncelebrated, civilian radio operators, during and after floods and fires and tornadoes," Harvey said. "After the 9/11 attacks, hams were indispensable

in reuniting friends and families. Most recently it was they who expedited the search for debris after the disaster to the space shuttle Columbia, and right now, at this moment, they are involved in homeland security to a greater degree than you would want me to make public."

The commentary's enigmatic and mysterious final sentence--typical of Harvey's habit of leaving his listeners hanging--apparently refers to the fact that many Amateur Radio Emergency Service (ARES) and Radio Amateur Emergency Service (RACES) teams have ramped up their alert status as hostilities get under way in the Middle East.

The entire Wednesday noon broadcast is available on Paul Harvey's Web site <<http://www.paulharvey.com/>>. Click on the Wednesday noon link under "Listen Now."

Courtesy The ARRL Newsletter

**AMATEURS RESPOND TO
PENNSYLVANIA "BIG
CHILL"**

Amateur Radio Emergency Service/ Radio Amateur Civil Emergency Service (ARES/RACES) team members in southern York County, Pennsylvania, activated March 3 after a natural gas shutdown forced residents to evacuate their homes to escape winter's chill. Some two dozen amateurs took shifts to assist the American Red Cross, staff the local emergency operations center and provide other necessary communication. ARRL Eastern Pennsylvania Section Manager Eric Olena, WB3FPL, reports that Amateur

Radio involvement in the gas emergency ended around midday on March 5.

York County ARRL Emergency Coordinator Kerry Smeltzer, KA3KAR, says the problem, reportedly the result of a regulator failure, cut off the main natural gas supply serving the communities of Red Lion and Dallastown. Estimates vary as to the number of residents directly impacted by the gas failure, but they ran anywhere from 5000 to 10,000. Red Cross "mass care" facilities in two local schools let residents take advantage of heated facilities and hot meals. Smeltzer and his family were among those taking refuge.

In addition to the ARES/RACES teams activated in York County, Smeltzer said, ARES teams in surrounding counties and from nearby Maryland were on standby for the duration in case needed. ARES/RACES used two local VHF repeaters for most communications. Smeltzer said that the Baptist Men's Kitchen was on site to provide meals. The Civil Air Patrol also responded.

Courtesy The ARRL Newsletter

➤ 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 Kempitz, N3GNW

2003 Contest Calendar

<u>Month</u>	<u>Contest</u>
June	14 - 16 ARRL June VHF QSO Party 28 - 29 ARRL Field Day
July	12 - 13 IARU HF World Championships
August	2 - 3 ARRL UHF Contest 16 - 17 ARRL 10 GHz and Up Contest



ATLANTIC DIVISION HAMFESTS - 2003

➤ + *indicates ARRL Hamfest*

13 Apr 2003 + Easton ARS Easton, MD <http://www.k3emd.com>

13 Apr 2003 + York Hamfest Foundation <http://www.yorkhamfest.org> York, PA

4 May 2003 + Warminster ARC Wrightstown (Bucks County), PA
<http://www.k3dn.org>

25 May 2003 + Maryland FM Association West Friendship, MD

CONVENTIONS and CONFERENCES

25-27 Apr 2003 * SETI League Technical Symposium

The SETI League Trenton, NJ <http://www.setileague.org/seticon>

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 2003 test fee is **\$12.00**.

- ◆ **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**, NE Philadelphia, Pa. Monthly; 1st Thursday - 6:00pm. Philmont Mobile Radio Club at Space Research Center (SPARC) Northeast High School Cottman and Glendale Aves. (Enter the SPARC wing from Glendale Av., opposite Teesdale St.) - Dusty Rhoads, ND3Q, 215-482-0386 Or 215-879-0505. No exam in July or August.



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.

At The Benjamin Wilson Senior Center
580 Delmont Avenue, Warminster, PA

For information Email altemus@drs-fsc-comm.com or
call: 215-855-3856, 6 to 10 pm Ask for George

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

Area Repeaters

VHF	
145.310	R.F. Hill
145.350	Doylestown R.C.
145.250	Penn Wireless
146.685	Holmesburg
146.925	Willingboro
147.000	Ham Buergers
147.030	Phil-Mont
147.090	Warminster
147.165	Delmont R.C.
147.270	Frankford
147.300	BEARS
147.390	CBRA
145.330	Hilltown
224.580	PackRats
UHF	
443.250	TAG
443.050	Metro-Comm
443.950	Warminster
444.200	BEARS
449.325	KA3W XV
447.475	WR3B
447.625	WE3E
448.225	Penn Wireless
6 Mtr	
53.030	WA3BXW
53.230	N3DQZ
53.370	K3MFI
1296	
1294.000	K3PHL (-20 MHz split)
1295.000	K3PHL (-20 MHz split)

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.

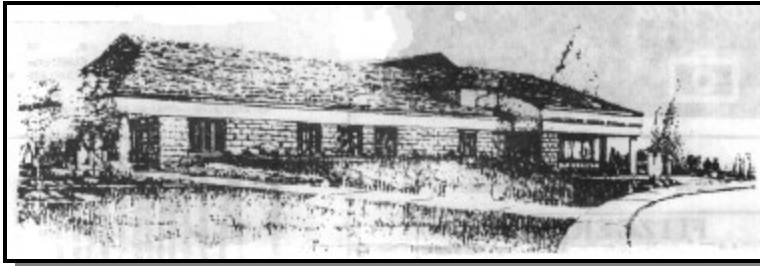
2003 Officers

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 '03	Doc Whitticar	W3GAD	968-0641
Field Day '03 co-chair	Stu Simon	K2QBU	345-9295
Grange Fair '03	Frank O'Neill	N3UQP	699-9549
Grange Fair '03 co-chair	Doug Crompton	WA3DSP	
Hamfest '03	Bill Strunk	K3ZMA	822-0749
January '03 VHF Contest	Joe Bagnick	N3EMA	997-2539
PA QSO Party '03	Jack Jones	W3NTD	
Picnic '03	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
Refreshments	Doc Morein	KA3RAU	
Repeater Coordinator	Brian Taylor	N3EXA	257-6303
SKYWARN Liaison	Mike Patton	W3MJP	491-9665
Station Trustee	George Brechmann	N3HBT	443-5656
Sunshine Club	Vince Pironti	KD3TC	674-0446
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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