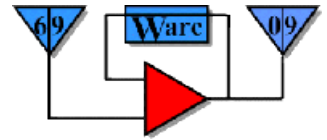




# FEEDBACK



Web Site [k3dn.org](http://k3dn.org)

Warminster Amateur Radio Club

Novemeber 2009

## Next Meeting November 5th - Ham Radio Outlet

### President's Message



#### A Little History

As I was looking over some WARC club materials the other day, I was reminded that the Warminster Amateur Radio Club was organized in 1964 and has been in existence now for 45 years. It is a real tribute to our members – both current and in the past – that our club has been such a vital and active organization for such a long time.

Of course, this also brought to mind the fact that I was first licensed in 1965, so I too have been a part of ham radio since the mid 1960's. Then I began to reminisce about what ham radio was like at that time.

In the mid 1960's there were 5 license classes. A Novice class license had very limited operating privileges and had a non-renewable 1 year term. The Technician class license had full operating privileges only on VHF and UHF bands. The General, Advanced, and Extra class licenses allowed full operating privileges on all bands. All licenses required CW proficiency, and you took you tests at an FCC field office in front of an FCC examiner. Much of the equipment hams were using were vacuum tube-based with heavy transformers and high voltage power supplies. Just about everyone was familiar with what a 6146, an 807, or a 1625 was. (They were tubes commonly used in transmitters.) In the CW portion of the bands, the "digital" mode most commonly heard was RTTY. The phone portions of the bands were informally divided into the AM and SSB areas. The WARC bands did not exist, so the HF bands were 160,

80, 40, 20, 15, and 10 meters. There was activity on the VHF and UHF bands, with 6 meter AM being most common. Some of us still remember the 6 meter halo antennas used in mobile operation. Frequencies were listed in kilocycles and megacycles – the term Hertz had not yet been adopted. And the only way to confirm a QSO was with a QSL card.

Well, ham radio has changed a lot in the past 45 years. But what was ham radio like 45 years or so BEFORE our club started (and before my start in ham radio)? I did a little research and here is what I found.

Around 1920, ham radio was still in its infancy. In fact, radio as a dependable communications medium had been in existence for less than 20 years. Amateur radio had just survived efforts by the government to eliminate all amateur radio operations as well as an effort by the Navy to control all radio communications after World War I. Since 1912, amateur radio operators had been licensed by the government, with call signs usually having a number and 2 or 3 letters such as 6LC or 2XE. Ham radio equipment was gradually moving from spark-gap transmitters to continuous wave (CW). Except for some early experimenters, phone communication in ham radio was unheard of. New discoveries such as the vacuum tube and the regenerative receiver were just beginning to be incorporated into ham radio. In 1920, long distance contacts were rare. Contacts with stations over 1000 miles away were considered working DX. Due to the Radio Act of 1912, all ham radio activity was limited to frequencies at 200 meters and above – frequencies then considered useless for government communication purposes.

In 1921, the fledgling ARRL sent Paul Godley 2XE to Scotland to attempt to hear signals from US amateurs on the "short wave" bands – frequencies around 200 meters. His success in hearing over 30 different stations motivated efforts by hams to communicate on even higher frequencies, and lead to the discovery that world-wide communications were possible on the HF bands we use today. And the only way to confirm a QSO was with a QSL card.

As I looked back at some of ham radio's history and all the changes that have taken place, one facet of our hobby stood out to me as unchanged – even from our very beginnings. The first spark gap operators did it. Hams today experimenting with the newest digital modes do it. And I imagine hams using some yet unknown mode or equipment in the future will do it as well. Hams use radio to communicate with one another. This is what separates amateur radio from just about any other hobby. Have you communicated with another ham today?

73,  
Ralph L. "Larry" Abbott WA3ELQ

*(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.*



## PROGRAMS

**Thursday November 5, 2009 – Ham Radio Outlet**

The “candy store” comes to Warminster ARC in November – just in time for the holidays. RICK LAMB / K3TL is coming back to the club for a presentation on “what’s new” in ham radio equipment, and answer any of those questions you may have. Rick will also have a Flex Radio demonstration.

**Thursday December 3, 2009 – Annual Warminster ARC Dinner**

This is the occasion where we set “ham radio speak” aside, invite the XYL or significant other, and just enjoy the friends we have made over the years at WARC. The dinner will be catered, and will be served buffet style at the Senior Center. The food is very good, and you won’t go away hungry. See George / N3HBT for tickets and information.

**Thursday January 7, 2010 - Repeater**

Brian, N3EXA, will do a presentation our club’s county-wide repeater system. On the horizon we have new digital radios, echolink interface, and other features and locations. This is the time to find out the capabilities of our recently rebuilt repeater system, and to hear what’s coming down the road.

**Thursday February 4, 2010 - CLUB AUCTION**

This is our annual event where we auction off (for the benefit of the club treasury) your extra items, and things lying around the shack, plus any donated equipment.

**Thursday June 3, 2010 - Pizza Night**

WARC Election, Pizza Night, and Home Brew

*(Continued from page 1)*

**December holiday dinner**

The menu for the WARC holiday dinner will be baked chicken, stuffed shells, hot meat balls, a cold cut and cheese and salad platter. The club will supply beverages as well as a dessert tray. The cost will be \$10.00 for adults and \$5.00 for children under 12 years of age. To attend, at least one member of the party must have their dues paid up and all monies should be in by the November meeting. For reservations, please contact George Brechmann N3HBT at (215) 443-5656 or n3hbt@arrl.net.

**Warminster Amateur Radio Club****General Meeting Minutes  
October 1, 2009**

Meeting was called to order by the President, Larry (WA3ELQ) at 7:35 pm.

INTRODUCTIONS:MINUTES FROM THE September 3, 2009, 2009 MEETING:

A motion was made, seconded and unanimous vote to accept them as printed in the Feedback Newsletter.

TREASURER REPORT- Rich (AG3L):

As given

COMMITTEE REPORTS:PUBLIC SERVICE-George (N3HBT):October 12, 2009

(Monday) - Hole-In-One at Five Ponds [7:30 am – 1:00 pm] A hot buffet meal will be served afterwards. 10 hams are needed.

October 24, 2009 -

Kraven Hall 5K [8:30 am – Noon].

Thanksgiving – No

Hatboro Thanksgiving run this year.

PUBLIC SERVICE-Drex (W3ICC):October 18, 2009

(Sunday) – Covered Bridge Bicycle Tour by Central Bucks Bicycle Club. There will be over 3,000 bikers. See Drex W3ICC (hpdrexler@aol.com).

MEMBERSHIP- Mark(WA3QVU) and Michelle (KB3MTW):

There are currently 122 paid-up members. Two members renewed their Memberships at the board meeting.

Every member is also encouraged to join the ARRL. The club must have at least 50% of its members as ARRL members to keep the WARC’s affiliation. ARRL annual membership dues are \$39.00.

FIELD DAY - Rich(KB3NRL):

Rich not here =>

Nothing

GOOD and WELFARE-VINCE (KD3TC):

Nothing.

Larry (WA3ELQ) – Bill Essner (N3RAF) sent a letter of thanks. Feb. 6<sup>th</sup> we sent a card for his wife. This time we sent a sympathy card for his wife.

LIBRARY- Bill (K3ZMA):

Gene, NO3N donated 23 books for the library including: ARRL Interference Book, ARRL VHF/UHF Equipment Manual, and Solid State Design by Doug DeMaw

PROGRAMS- Rich(AG3L):

Thursday November 5, 2009 – Ham Radio Outlet. The “candy store” comes to Warminster ARC in November – just in time for the holidays. RICK LAMB / K3TL is coming back to the club for a presentation on “what’s new” in ham radio equipment, and answer any of those questions you may have. He may talk a little on Flex Radio.

*(Continued on page 3)*

(Continued from page 2)

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2009 – Annual

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REPEATER – Brian

(N3EXA):

Everything is working. Half of the new receivers have been acquired and are now operating. No new transmitters have been ordered yet.

OLD BUSINESS:

Holiday Dinner:

Cost per person is \$ 10.00 each for each paid up member and each guest.

Forms are in the Feedback and also on the website.

Reservations may be made through *PayPal*.

We need to know how many people are coming.

Reservations will be accepted up to the November meeting.

Michael (KB1JEY) provided motivation for help the club by becoming an officer or help with some club function. We need a vice president who develops programs and is responsible for club equipment. Other positions which need help are hamfest co-chairmen and Field Day co-chairmen

(co-chairwomen ?)

NEW BUSINESS:

The Alpha-Delta antenna has been installed at the Senior Center. It covers 160 – 6 meters.

PA QSO Party is 1600Z Oct 8 - 0500Z Oct 9 and 1300Z - 2200Z Oct 9. For information: [www.nittany-arc.net/paqso.html](http://www.nittany-arc.net/paqso.html). Logs due Nov 15 to [paqsolog@nittany-arc.net](mailto:paqsolog@nittany-arc.net) (paper summary sheet also required)

50/50:

Adam (KB3JCP)

TONIGHT’S PROGRAM:

D Star Radio Presentation - JOHN COUPE / WA3BXH of the Philadelphia Digital Radio Association, Inc. will make a presentation on the D-Star radio system which is the Format which ICOM’s all digital radios currently use.

Submitted:  
WDØESL, Club Secretary  
October 3, 2009

**ALS WALK**

All walkers will get a free ALS T-shirt and water, snacks. The walk begins at 11 AM; Registration is at 10 AM. Citizens Bank Park Stadium on NOVEMBER 7, 2009 (SATURDAY). The walk is at Citizens Bank Park (Phillies stadium) in Phila on NOVEMBER 7, 2009. I can provide directions. Dogs are permitted on the easy 2 mile walk around the stadium; walk is rain or shine. Look for my team sign; BOB’S HOPE” TEAM and the buzz of activity.

If you need any other information, please let me know ASAP, thanks!

Bob Wilderman, K3SRO  
[dlrwild1@comcast.net](mailto:dlrwild1@comcast.net)

**SOLAR UPDATE**

Tad "Dance, and Provencal song, and sunburnt mirth" Cook, K7RA, this week reports: Sunspot group 1028 emerged for only a few hours on Tuesday. This is another one of those phantom spots that briefly appears, only to vanish, teasing us with hints of an increase in activity that never seems to come. Along with the quiet Sun, we are still seeing extremely quiet

geomagnetic indices, a nice upside to the lack of solar activity. Solar flux until the end of this month is expected to be around 72. The average solar flux for this week was 70.6, up 0.7 points from 69.9 the week before. Look for more information in the Solar Update, available on the ARRL Web site on Friday, October 23. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page. This week’s "Tad Cookism" brought to you by John Keats' *Ode to a Nightingale*.  
*Courtesy The ARRL Newsletter*

**ARRL Continuing Education Course Registration**

Registration remains open through Sunday, October 25, 2009, for these online course sessions beginning on Friday, November 6, 2009: Amateur Radio Emergency Communications Level 1; Antenna Modeling; Radio Frequency Interference; Antenna Design and Construction; Ham Radio (Technician) License Course; Propagation; Analog Electronics, and Digital Electronics. To learn more, visit the CEP Course Listing page or contact the Continuing Education Program Coordinator.

*Courtesy The ARRL Newsletter*

**HR 2160 Gains More Cosponsors**

As of October 14, five more Congressional Representatives -- Tom Latham (R-IA-4), Dana Rohrabacher (R-CA-46), Scott Garrett (R-NJ-5), Candice Miller (R-MI-10) and John Olver (D-MA-1) -- pledged their support for HR 2160, *The Amateur Radio Emergency Communications Enhancement Act of 2009*, bringing the total number of cosponsors to 30, including original sponsor Sheila Jackson-Lee (D-TX-18). HR 2160 is also sponsored by W. Todd

**WARC JACKETS, SHIRTS  
AND HATS**

**Are available. Delivery within one month of placing order- the more we order, the lower the prices. See Burt (N3YVH) for order forms and cost information.**

Akin (R-MO-2), Michael Arcuri (D-NY-24), Roscoe Bartlett (R-MD-6), John Boozman (R-AR-3), Madeleine Bordallo (D-Guam), Geoff Davis (R-KY-4), Bob Filner (D-CA-51), Bart Gordon (D-TN-6), Brett Guthrie (R-KY-02), Maurice Hinchey (D-NY-22), Michael Honda (D-CA-15), Mary Jo Kilroy (D-OH-15), Zoe Lofgren (D-CA-16), Blaine Luetkemeyer (R-MO-9), Thaddeus McCotter (R-MI-11), Charlie Melancon (D-LA-3), Dennis Moore (D-KS-3), Bill Posey (R-FL-15), Bennie Thompson (D-MS-2), Michael Turner (R-OH-3), Peter Welch (D-VT), David Wu (D-OR-1) and Don Young (R-AK).

*Courtesy The ARRL Newsletter*

### **Four Radio Amateurs Killed in Plane Crash En Route to CQWW Phone Contest**

Just after take-off -- around 6:30 AM on Wednesday, October 21 -- a twin-engine plane carrying four Amateur Radio operators crashed into the woods, only 250 yards off the end of the runway in Jedburg, South Carolina, about 20 miles northwest of Charleston. The plane -- piloted and owned by Peter Radding, W2GJ -- carried Ed Steeble, K3IXD, Dallas Carter, W3PP, and Randy Hargenrader, K4QO. The four men were on their way to the Bahamas to operate in this weekend's CQ World Wide Phone Contest as C6APR, competing in the Multi/2 category. Radding, of North Charleston, South Carolina, was 69; Steeble, of Summerville, South Carolina was 68; Carter, of Laurel, Delaware, was 67 and Hargenrader, also of Summerville, was 55. All were ARRL members; Radding and Steeble were Life Members.

Robert Biss, W8ZA, of Harpers Ferry, West Virginia, accompanied Steeble, Carter, Radding and Hargenrader to the Bahamas for the 2008 running of the CQWW SSB Contest.

*Courtesy The ARRL Newsletter*

### **Ham Provides Rescue Support at Utah Marathon**

While not as well known as the Boston and New York City Marathons, Utah's St George Marathon draws more than 7000

runners to the town of St George -- located 300 miles south of Salt Lake City, near the Utah-Arizona-Nevada border -- each year. The race, now in its 33rd year, uses shuttle vans equipped with Amateur Radio operators and medical personnel to provide any help and support needed along its course. On October 3 -- race day -- Brian Plumb, KE7HNW, was driving Shuttle #3, with Kathy Hutchinson, a cardiac nurse at a local hospital, by his side.

A member of the Dixie Amateur Radio Club (DARC) and the Washington County (Utah) ARES<sup>®</sup>, Plumb got his Amateur Radio license in 2006.

According to his friend, Hal Whiting, KI2U, Plumb has been involved with Boy Scouts for more than 25 years, but desired to "give back" a bit more to his community, and so became a licensed radio amateur.

On Friday, October 2, Plumb went to go pick up the van, getting it ready and making sure he had his radio and everything else he might need during the race. As he was leaving, he realized he had not received an automated external defibrillator (AED), so race officials went back and got him one.

"We were the only van -- and there were six vans -- that ended up with an AED," Plumb told the ARRL.

Plumb and Hutchinson had never met prior to the marathon, and this was the first marathon for both of them. "We started driving up and down the highway," Plumb said, "stopping to help anyone in need and helping those that thought they had the desire to even try running, for some reason couldn't finish the race. Kathy and I had just dropped off a van load of runners at the transition area at mile marker 24, turned around and were getting ready to go up the highway again when everything happened -- a lady ran up to us and said there was a runner who had collapsed just up the road and he needed our help."

"As we approached the runner, we saw that he was down," Plumb recounted. "Kathy grabbed the oxygen and I

grabbed the AED machine. When we got there, the runner wasn't doing well. With the help of another runner (who happened to be a fire fighter), Kathy gave him oxygen and we started doing CPR. The police were on the scene and they called 911 for an ambulance."

Plumb told the ARRL that the 48 year old man "had no pulse. He was gone. So I got the AED set up and I 'shocked' him and his heart began beating again. He was then transported to the hospital via ambulance. The EMTs told us that if we had not been there when we were there and with an AED, he would have been gone, he was so out of it totally and could not have been be revived."

Later, Plumb learned from Hutchinson -- the runner had been taken to her hospital -- that the man and his family wanted to meet him. "I went there on the Monday after the race," he told the ARRL, "and said 'Hi, I'm Brian.' I didn't give my last name or call sign or anything like that, and they all asked, 'Are you the radio ham guy?' They knew that Amateur Radio had helped save their family member." Plumb said that the man is out of the hospital and seems to be doing fine.

Plumb said that just before the woman called for their help, he and Hutchinson had been discussing how they needed to be prepared for anything that could happen on the course. He is grateful to have fully prepared at the marathon: "I had the right equipment, the right nurse and the right training to have been able to help. Learning to be an Amateur Radio operator, giving service and the ideals of Scouting to 'be prepared' has helped myself and many others in giving service to our community at large."

*Courtesy The ARRL Newsletter*

### **Three People Killed While Erecting Antenna**

At approximately 8:40 PM on Monday, October 12, a man, woman and their 15 year old son were killed while trying to erect a 50 foot vertical antenna at the home of the man's mother, Barbara Tenn, KJ4KFF, in Palm Bay, Florida. The deceased were not licensed amateurs.

*(Continued from page 4)*

"It happened in an instant," Palm Bay Fire Marshal Mike Couture said in a statement. "It is an unfortunate set of circumstances that led to the most tragic result."

According to police reports, Melville Braham, 55, Anna Braham, 49, and their 15 year old son Anthony were putting up an antenna -- Tenn's second -- at night when they lost control of the antenna and it crashed into nearby overhead power lines. The impact sent 13,000 volts of electricity through the pole the three were holding. A family friend, a 17 year old boy, was on the roof at the time of the accident. He and the couple's daughter, who was in the house at the time, were not injured.

The mother was pronounced dead at the scene. When paramedics arrived, the father and son were not breathing; rescue crews immediately tried to resuscitate them. They were transported to a

hospital where they later died.

Neighbor Jim Vallindingham told television station WFTV that he called 911 when he saw the fire in the backyard and then he ran over: "I had no idea it was electrical until we got over there and saw the three people laying on the ground. So I called 911 a second time to tell them there were casualties. You know, there were people on the ground. So [the 911 operator] told me that's electric, you back away don't touch anything."

Couture said that night was not the best time to be attempting to put up an antenna. "It wasn't the best time, meaning it was night time. Obviously, in darkness, and trying to do something like this and not being keenly aware of where the power line is in the backyard, [was not a good idea]," he said.

Neighbors said that Tenn, an ARRL member, used Amateur Radio to talk with her family in Jamaica. -- *Thanks to WFTV and Central Florida News 13 for the information*

**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 2009 test fee is **\$15.00**.

**Warminster Amateur Radio Club**, Monthly, Last Wed. 7:00 pm at the Warminster Recreational and Educational Center on Little Lane.

George Brechmann (215) 443-5656.

**Atco, NJ**, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.

Mark (K2AX) jtra@comcast.net

**Levittown, PA**, Monthly, 1st Saturday - George LeNoir, WR3B, 215-943-4886.

**Telford, PA**, Monthly, RF Hill ARC. 3rd Monday at the Indian Valley Library.

Charles Schmell, KB3CEZ, 215-257-6368 days 215-538-7458 evenings.

**Philadelphia, PA**, Testing is done on the 4th, non holiday Thursday of the month at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are testing on Saturdays at least once per quarter at 9:00 AM. For further information contact James McCloskey at jmcloskey@msn.com and by phone 215-275-2979.

**Lansdale, PA** Testing on the first non-holiday Tuesday of the month starting at 7:00 PM. The Lansdale Library Community Room Vine St. and Susquehanna Ave. Lansdale, Pa. Registration is required 48 hrs. or more before the scheduled exam date. If there are no registrations the scheduled exam date will be canceled. NO WALK-INS. You can register by contacting:

Olaf N. Markert ----- Phone (610) 517-5074, E-mail w3pa@arrl.net

**2009 Contest Calendar**

**November** 7 - 8 ARRL November Sweepstakes (CW)  
21 - 22 ARRL November Sweepstakes (Phone)

**December** 4 - 6 ARRL 160 Meter Contest  
12 - 13 ARRL 10 Meter Contest

Kentucky QSO Party 1400Z, Nov 14 to 0200Z, Nov 15

➤ **ATLANTIC DIV. HAMFESTS - 2010**

**16 Jan 2010** + HRAC Winter Fest Harrisburg Radio Amateur Club  
<http://www.w3uu.org> Harrisburg, PA Paxtang Firehouse  
3423 Derry Street

**27 Jan 2010** + FREE Mini-Fest Baltimore Amateur Radio Club  
<http://www.gbhc.org> Timonium, MD

Maryland State Fairgrounds 2200 York Road

**31 Jan 2010** + 2010 Post Holiday Hamfest  
Maryland Mobileers Amateur Radio Club  
<http://www.mobileers.org> Odenton, MD

Odenton Volunteer Fire Department Hall  
1425 Annapolis Road (Route 175)

**SKYWARN INFORMATION**

**MOUNT HOLLY NWSFO SKYWARN Weekly Information Net: EVERY THURSDAY AT 21:00 HOURS**  
**SKYWARN Net Repeater Listing/ Streaming Audio of scheduled SKYWARN Net:** <http://www.skywarnnet.net>  
**\*You do NOT have to be a certified SKYWARN Weather Spotter to check into the Net\***

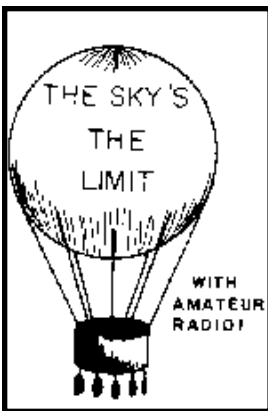
**Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)**  
 Fairless Hills, PA (many remote access locations throughout Bucks County)

**Mount Holly NWSFO SKYWARN Homepage:**  
<http://www.erh.noaa.gov/phi/skywarn/index.html>

**SKYWARN Basic Weather Spotter Educational Programs URL:**  
<http://www.erh.noaa.gov/phi/skywarn/training.html#sched>

➤ **CLUB EQUIPMENT**

WARC has purchased four Vertex Standard 2-meter HT's that are available for use by members of the club. The HT's are available on a month-by-month basis and have been purchased primarily to help new hams get on the air. However, they may also be used by any club member who is in need of a temporary 2-meter radio. They are also available for use by participants in WARC's public service activities.  
 DE, Richard Luce AG3L  
 215-441-8264



*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.

For further information contact: Rich Enwright at 215-357-9055 or George Brechmann at 215-443-5656

**Area Repeaters**

**VHF**

- 145.310 R.F. Hill
- 145.350 Doylestown R.C.
- 145.250 Penn Wireless
- 145.330 Hilltown
- 146.670 DVRA
- 146.685 Holmesburg
- 146.925 Willingboro
- 147.000 Ham Buegers
- 147.030 Phil-Mont
- 147.090 Warminster
- 147.270 Frankford
- 147.300 BEARS
- 147.390 CBRA

**220**

- 224.580 PackRats
- 223.76 K3NAL

**UHF**

- 442.650 DVRA
- 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

**D-STAR**

- 447.625 K3PDR DStar DV

**6 Mtr**

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

**Bucks County Amateur Radio Emergency Service (BCARES)**

[www.bucksares.org](http://www.bucksares.org)  
 Bucks County ARES will be on the air Wednesdays, at 9:00 PM . We will be using Warminster Amateur Radio Club's repeater on 147.090, pl 131.8. This net is linked as shown in the Net Schedule box for the Wednesday night net. It may also be linked to 147.300.

Gateway Stations on:

- Upper NJ3A-10 145.610 Riegelsville
- Central KB3BUX-10 145.670 Ivyland Home frequency
- Lower NY3J-10 145.530 Bensalem

**Net Schedules**

Sunday	2100	10 Meter Net	28.445 MHz
Wednesday	2030	2 Meter Net	147.09 Rptr.
Wednesday	2030	Linked w/ 2 Meter Net	443.95
Rptr. Wednesday	2030	Linked w/ 2 Meter Net	53.230 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Thursday	1900	Mont. Cnty RACES Net	146.835 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@comcast.net**
- 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: \$ 10.00**  
**Associate: \$ 5.00**

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

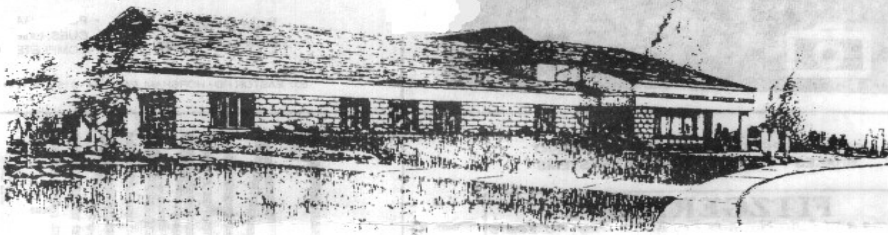
**2009 Officers**

**Executive Officers**

President	Larry Abbott	WA3ELQ	215-443-7521
Vice-President	Richard Luce	AG3L	215-441-8264
Secretary	Frank Clayton	WD0ESL	215-957-2343
Treasurer	Richard Luce	AG3L	215-441-8264
Director (E)	Michelle London	KB3MTW	215-672-7578
Director (E)	Mark Kempisty	N3GNW	215-953-1493
Director (A)	Al Konschak	WI3Z	215-491-9941
Director (A)	Michael Davis	KB1JEY	215-646-6011
Past President	George Brechmann	N3HBT	215-443-5656

**Committee Chairpersons**

Archives	Burt Ludin	N3YVH	267-781-0603
ARES Liason	Denise Burstein	KB3ANO	215-355-1150
Arrl Liason	Richard Luce	AG3L	215-441-8264
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	Rich Enwright	KB3NRL	215-357-9055
Digital and APRS	Ron Wenig	NY3J	215-638-9257
DXpedition	Doc Whitticar	W3GAD	215-968-6397
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 09	Rich Enwright	KB3NRL	215-357-9055
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 09	Michael Davis	KB1JEY	215-646-6011
Hamwear	Burt Ludin	N3YVH	267-781-0603
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Interference	Mark Kempisty	N3GNW	215-953-1493
Membership	Michelle London	KB3MTW	215-672-7578
Membership	Mark Hinkel	WA3QVU	215-659-4449
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	N3GNW	215-953-1493
Publicity	Dan Myers	KB3IBQ	215-957-2343
RACES Liason	Chris McCormack	N3JHR	215-969-2626
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments	Randy Gehman	N3LJE	215-822-9473
Repeater Cooridinator	Brian Taylor	N3EXA	215-257-6303
Satellite	Joe Bagnick	N3EMA	215-997-2539
Skywarn Liason	Mike Patton	W3MJP	215-491-9665
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-443-7521
VHF/UHF/MW	Al Sheppard	N3ITT	610-847-5490
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Richard Luce	AG3L	215-441-8264
Youth Programs	Steve Larson	WW3Y	215-822-1511

**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.

For general club correspondence:

[k3dn@k3dn.org](mailto:k3dn@k3dn.org)

For Feedback articles:

[wa4ywm@comcast.net](mailto:wa4ywm@comcast.net)

Visit our Home Page at:

<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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