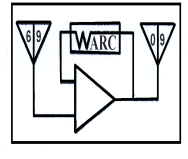




FEEDBACK



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

July 2003

Next Meeting July 3rd - Disaster Preparedness

President's Message



As I write this we are in final preparations for Field Day 2003 though our next meeting is the following Thursday. My wife and I deep fried a turkey to practice and it is great. Definitely moist and tender and not greasy. Lets just hope that it doesn't rain on Field Day weekend. If you get a chance to read this on-line before Field Day remember it is scheduled for June 28 and 29. Once again we will be at The National Shrine of Our Lady of Czestochowa, 654 Ferry Road, Doylestown.

One again the Shrine has asked Warminster Amateur Radio Club for it communications expertise to help with their Polish-America Festival. Burt N3YVH is coordinating this event and he is looking for 10-20 volunteers to help. It is scheduled for **AUGUST 30,31,SEPTEMBER 1 AND SEPTEMBER 6 & 7 2003.** (The event spans two weekends and the dates are a little confusing.) This is an all day event from 9:00 AM- 5:00 PM approximately. You will need only an HT, extra batteries, sunblock and a good appetite. For more information and to sign up please contact Burt Ludin N3YVH at 215-4414-4483 or via email N3YVHBURT@aol.com or N3YVH@k3dn.org.

Also, the Hatboro chamber of commerce has again asked the WARC to help out with their annual "Moonlight Memories" car show on Saturday, July 26 in Hatboro. We will need about 12 hams to staff the event

July Special Events

Dayton, OH: Huber Heights ARC and Clark County ARA, W8I. 1000Z **Jul 3**-1900Z **Jul 6**. From the US Air Force Museum, in honor of the 100th anniversary of flight and the two Wright brothers. 28.403 21.303 14.303 7.230. QSL. W8I, c/o Jim Ebner, N8JE, 5861 Fishburg Rd, Huber Heights, OH 45424-4253. <http://www.hharc.org/>.

Cleveland, OH: NASA Glenn ARC and NASA Visitor Center Station, NA8SA and N8VC. 1300Z **Jul 3**-0000Z **Jul 20**. Celebrating Ohio's Centennial of Flight. 28.480 21.380 14.280 7.280. Certificate. NASA Glenn Amateur Radio Club, 21000 Brookpark Rd MS 8-1, Cleveland, OH 44135. <http://www.grc.nasa.gov/WWW/Clubs/NA8SA/>.

East Stroudsburg, PA: Pocono ARK and Eastern PA ARA, W3PRK/N3IS. 1600Z-2100Z **Jul 4**. American Freedom Festival. 14.250 7.150 3.870. Certificate. Bill Connelly, W3MJ, RR 3 Box 3165, East Stroudsburg, PA 18301.

Hannibal, MO: Hannibal Amateur Radio Club, WOMTL. 1400Z-2100Z **Jul 4**. National Tom Sawyer Days (America's Home Town). 28.360 21.360 14.260 7.260. Certificate. Robert G. Mitchell, 816 Long Dr, Quincy, IL 62305.

St Augustine, FL: St Augustine Amateur Radio Society, N4AUG. 2000Z-2400Z **Jul 4**. Nation's Oldest City Fourth of July Celebration. 21.370 14.280. QSL. SAARS, PO Box 860084, St Augustine, FL 32086-0084.

Shiloh National Military Park, TN: Shiloh Wireless Society, K4S. 1600Z-1800Z **Jul 4**. Independence Day at Shiloh National Military Park. 14.270 18.136. QSL. Jim Buffington, K5JIM, 402 S Matubba St, Aberdeen, MS 39730.

Van Wert, OH: Van Wert Amateur Radio Club Inc, W8FY. 1500Z **Jul 4**-2300Z **Jul 5**. Little Red Caboose from Van Wert Museum for Holiday at Home. 28.470 14.270 7.270 7.045. Certificate. VWARC, PO Box 602, Van Wert, OH 45891.

Thompson, OH: Lake County Amateur Radio Association, N8GB. 1400Z **Jul 4**-0100Z **Jul 5**. "Heritage of Our Country"--Happy Birthday America. 28.450 21.350 7.246. Certificate. George R. Bair, 386 Cedarbrook Dr, Painesville, OH 44077.

Fruita, CO: Western Colorado Amateur Radio Club, N0V. 0100Z **Jul 4**-2100Z **Jul 6**. Dedication of Western Slope Vietnam War Memorial. SSB gen portion of 10 15 20 40 m. QSL. Al Acker, WA4HND, 1685 Mae Ct, Fruita, CO 81521. <http://www.wcsrc.ws/status.htm>.

Lafayette, LA: Acadiana Amateur Radio Association, W5DDL. 1300Z **Jul 5**-2400Z **Jul 6**. 50 Years of affiliation with ARRL. 28.430 21.375 14.270 7.235. QSL and Certificate. Acadiana ARA, PO Box 51174, Lafayette, LA 70505-1174. <http://www.w5ddl.org/clubsite/>.

Perkasie, PA: RF Hill ARC, W3AI. 1600Z-2000Z **Jul 6**. Pennridge Community Days. 14.250 7.250. Certificate. Norm Fusaro, 3170 Bedminster Rd, Ottsville, PA 18942.

Austin, TX: Naturist Amateur Radio Club, NU5DE. 0000Z **Jul 7**-2400Z **Jul 13**. Annual Nude Awareness Celebration. 21.365 28.465 14.265 7.265. QSL. Naturist Amateur Radio Club, PO Box 200812, Austin, TX 78720.

Wapakoneta, OH: Reservoir Amateur Radio Association, K8QYL. 1300Z-2000Z **Jul 19**. Celebrating the Neil Armstrong Festival of Flight. 28.450 21.350 14.235 7.230. Certificate. Walter Vogel, WB8FNB, 14455 Co Rd 66A, St Marys, OH 45885.

Boston, MA: USS *Cassin Young* Amateur Radio Club, WW2DD. 0001Z **Jul 19**-2359Z **Jul 20**. Museum Ship Radio Event. 18.160 14.260 7.039 3.860. Certificate. Mark Starin, K1RMC, 457 Varney St, Manchester, NH 03102. Work seven ships for certificate. <http://www.qsl.net/ww2dd/event.html>.

Groton, CT: CT RI Contest Group, N1S. 0001Z **Jul 19**-2359Z **Jul 20**. Submarine USS *Nautilus* SSN571/Museum Ships On The Air. 28.360 21.360 14.260 7.260. QSL. KB1LN, POB 995, Charlestown, RI 02813.

Springfield, OH: Independent Radio Association, K4H. 1400Z **Jul 19**-0400Z **Jul 20**. Commemorating Year 101 of 4H. 28.410 21.260 14.260 7.230. QSL. Independent Radio Association, PO Box 523, Springfield, OH 45501.

Courtesy The ARRL Newsletter

properly. You should be able to walk for some time and have a 2 meter ht with extra batteries and headphone. To volunteer for the event contact George Brechmann at (215)-443-5656 or 3hbt@juno.com. Hams will be needed from 12:00 pm until around 5:00 pm.

And on that note, I look forward to seeing you at the next club meeting.

73's,
Mark Kempisty - N3GNW
President

(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)

Warminster Amateur Radio Club

Minutes of Warminster ARC
June 5, 2003
Dave, AA3UR, Secretary

Mark, N3GNW, called the meeting to order. Stu, KB3JRB and Heather, KB3JUY were guests. The minutes were approved as amended to emphasize that Skywarn is not associated with RACES, which was not obvious. The Hamfest was quite successful, thanks to all who helped. The constitutional review is continuing with minor updates. The board is investigating a new generator. The current generator is twenty-one years old, repairable, but showing its age. We have the use of a generator for Field Day, so the board will continue the investigation. If you would like to make changes to your information that is kept by the club, let the membership chairman, Bud, K3TPM, or Mark, WA3QVU, now. You can also update this information on line at our website. There will be a computer building demonstration June 7th. The club is again providing mugs for members who scored 100 or more QSOs in the Pennsylvania QSO Party. There will be a Relay for Life Friday June 13th, 8 AM to 8 PM, details to follow. The Willow Grove Air Show is coming up, and Field Day, June 28-29.

Vice President: Tony, N3YNH: The programs for the next few meetings are: July Red Cross and possible CPR certification.

August Rick Lamb (HRO) on Digital Radio

November Medical director for PA Task Force about Air Show.

Vahan, KB3DHU, presented the Treasurer's report.

The Hamfest report by Bill K3ZMA: The Hamfest had a slightly better turnout than expected. Nearly one quarter of the gate receipts were vendors and people stayed later than previously. Bill is looking for a co-

chair and a vendor contact person.

Stu, K2QBU, reported on Field Day preparations. Tents have been donated by the Shrine and will be up the Thursday before Field Day. Tables and chairs will be set up on Friday around 2 PM. Sign up sheets were passed around.

Steve, WW3Y reported on the air show that will be held September 14th and 15th. He is looking for 25-30 operators. Sign up is via an Internet page on the WARC website available sometime in July. Times required will be 7AM to 6 PM. No special air draw has been signed. You need to be in good health, need 2-meter FM equipment, extra battery, extra HT (if possible), sun tan lotion, headphones, food and water bottle. George, N3HBT, will be net control.

George, N3HBT, reported that there would be a computer building demonstration Saturday at 9 AM. At a future date a group will build multiple computers.

Membership Badges are available for many members who haven't yet picked them up.

The meeting was adjourned followed by refreshments, 50/50 drawing, followed by the program.

David Porter AA3UR
Secretary

Meeting Info – Tony Simek, VP

August is Culley Phillips from the PA Turnpike Commission.

September is Rick Lamb from HRO doing "Digital, Digital".

October - Emergency Preparedness: PA Task Force One.

Public Service

July - The Hatboro chamber of commerce has again asked the WARC to help out with annual "Moonlight Memories" car show on Saturday, July 26 in Hatboro. We will need about 12 hams to staff the event properly. You should be able to walk for some time and have a 2 meter ht with extra batteries and headphone. To volunteer for the event contact George Brechmann at (215)-443-5656 or n3hbt@juno.com. Hams will be needed from 12:00 pm until around 5:00 pm.

August 30, 31 and Sept 1, and the following Weekend, Sept. 6 & 7 Polish American Festival, at the National Shrine of Czestochowa. Volunteers are needed each day from 11:00am until around 7:00pm. Help is needed with communications at the gates, and as shadows for the police chief, directors, parking, and information both and other key positions that facilitate the event. I am asking those hams that are available to help to please contact me by phone (215) 441-4483 or E-mail: Burt Ludin <N3YVH@k3dn.org> Volunteers will also receive meal passes (tickets) that may be used as you wish. You will also get free admission to the festival.

Steve, WW3Y reported on the air show that will be held September 13th and 14th. He is looking for 25-30 operators. Sign up is via an Internet page on the WARC website available sometime in July. Times required will be 7AM to 6 PM. You need to be in good health, need 2-meter FM equipment, extra battery, extra HT (if possible), sun tan lotion, headphones, food and water bottle. George, N3HBT, will be net control.

Monday, October 13 we will need 10 operators for the Warminster parks and recreation hole-in-one golf outing

(Continued on page 3)

(Continued from page 2)

at the 5 ponds golf course. A hot meal will be served after the event. Saturday, October 18 we will need at least 15 hams to staff the Warminster Day gala at the old NADC property. If you can help out with any or all of the public service events, please contact George N3HBT at (215)-443-5656 or e mail at n3hbt@juno.com

Amateur Radio Month in PA

On May 22, 2003 Governor Edward Rendell signed a Governor's proclamation making June 2003 Amateur Radio Month in Pennsylvania. The proclamation can be viewed on the ARRL Section News page for E. Pa. Anyone wishing a jpeg file copy of the proclamation is welcome to contact E. Pa. Section Manager at wb3fpl@arrl.org. Western Pa. residents may contact W. Pa. Section Manager John Rodgers. N3MSE, at n3mse@arrl.org.

The proclamation was obtained through the efforts of Assistant Section Manager, George Law, N3KYZ and was presented to WB3FPL during the June 14, 2003 E. Pa. section Convention in Bloomsburg.

73

Eric D. Olena, WB3FPL
ARRL Section Manager
Eastern Pennsylvania

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

Heliophile Tad "That Lucky Ol' Sun" Cook, K7RA, Seattle, Washington, reports:

Low sunspot numbers and geomagnetic disturbances in the over-the-hill portion of the solar cycle continue. There are enough sunspots for some good HF propagation, but we are about three years past the cycle peak and about three and a half years ahead of the next sunspot minimum. Complicating the situation is continued high solar wind and flares, causing constant disturbance to geomagnetic conditions. HF operators generally want stable geomagnetic indices, such as a K index at three or below and daily A index of ten or less.

Average sunspot numbers dropped nearly 37 points from last week to 112.7 this week. Solar flux was also down. Not surprisingly given the conditions and all the reports, average planetary A index increased from 21 to 30. Space weather was remarkably mild on Thursday, June 19 with mid latitude and planetary K indices down to two or three. However, the forecast shows more of the same enhanced activity over the next few days, with a planetary A index of 25, 25, 20 and 20 for June 20-23. Solar flux should remain around 125 on those days. On June 20 we should enter a solar wind stream flowing from a coronal hole, which should cause those high A indices.

Sunspot numbers for June 12 through 18 were 168, 149, 91, 111, 91, 80, and 99, with a mean of 112.7. 10.7 cm flux was 163.5, 151, 133.5, 128.7, 122.6, 121.9, and 120.4, with a mean of 134.5. Estimated planetary A indices were 11, 11, 32, 20, 32, 50, and 54, with a mean of 30.

Courtesy The ARRL Newsletter

WELL-KNOWN CONTESTER, DXer DIES IN FALL FROM TOWER

Well-known contestator and DXer Steve Miller, N8SM (ex-WD8IXE), of Prosper, Texas, died June 15 as a result of a fall while working on his Amateur Radio tower. He was 38. An ARRL member, Miller had extensive experience in tower work and antenna installation. With the assistance of several other hams, Miller had erected a 136-foot tower on his property and installed several antennas as part of his overall effort to build a competitive contesting station.

Details of the mishap that claimed Miller's life are not available. According to unofficial accounts, Miller had been working on his tower the morning of June 15, and, after a lunch break, told his wife, Radhicar, that he had another hour's work left. Later, she heard a noise from the yard and found her husband lying on the ground. Miller's wife called 911, but the rescue squad was unable to revive him.

ARRL antenna guru Dean Straw, N6BV--who had corresponded with Miller on several topics--was among those expressing shock and sadness at his death. "Steve was always most responsive, and he always had the most intelligent comments and questions concerning whatever technical topic we were discussing," said Straw. "I will miss his innate, contagious enthusiasm."

(Continued on page 4)

(Continued from page 3)

First licensed as WD8IXE in 1977 at the age of 12, Miller--an Ohio native--enjoyed contesting and DXing. He was routinely active during the CW weekends of the CQ World Wide, ARRL International DX and ARRL November Sweepstakes events. He also operated as J68AG from St Lucia in the Caribbean and participated in a few DXpeditions, including several stints as a member of the J6DX team in the 1980s and 1990s. He was an ARRL DXCC Honor Roll member, with 332 entities confirmed (mixed).

In addition to ARRL, Miller belonged to the North Texas Contest Club <<http://www.qsl.net/ntcc/>> and 10-10 International <<http://www.ten-ten.org/>>. Besides ham radio, he enjoyed playing jazz saxophone.

An Ohio State graduate, Miller worked for Texas Instruments as part of its broadband wireless access group in Dallas. Survivors include his wife and their young daughter. A memorial service was held June 19.

Courtesy The ARRL Newsletter

FO-20 back in the land of the living

The Japan Amateur Radio League (JARL) FO-29 satellite command team has succeeded in recovering the satellite, which had been experiencing problems. The FO-29 command team staff succeeded June 16 in commanding the satellite's transmitter back on. FO-29 was reported sending a strong CW beacon, and the transponder is also available. The command team said the problem was likely caused by recent major solar flares. The command team continues to analyze data and is seeking FO-29 reception reports. Send telemetry reports to the command team, <lab2@jarl.or.jp>. The analog transponder (Mode JA) uplink is

145.900 to 146.000 MHz; the downlink is 435.800 to 435.900 MHz. CW telemetry is at 435.795 MHz. FO-29 was launched on in 1996. For more information, visit the JARL Web site <<http://www.jarl.or.jp>>.

Courtesy The ARRL Newsletter

PRESIDENT HAYNIE TESTIFIES BEFORE CONGRESSIONAL SUBCOMMITTEE

ARRL President Jim Haynie, W5JBP, testified June 11 on Capitol Hill on behalf of the Spectrum Protection Act of 2003, HR 713. The ARRL initiative would require the FCC to provide "equivalent replacement spectrum" to Amateur Radio if the FCC reallocates primary amateur frequencies, reduces any secondary amateur allocations, or makes additional allocations within such bands that would substantially reduce their utility to amateurs. Haynie was the last of 11 scheduled witnesses to speak during the Subcommittee on Telecommunications and the Internet hearing, "The Spectrum Needs of Our Nation's First Responders."

"We are indeed a first responder," Haynie said on behalf of the nation's some 680,000 Amateur Radio operators. Ham radio is more than "just having fun playing on the radio," he told the panel, a subcommittee of the House Energy and Commerce Committee chaired by Rep Billy Tauzin (R-LA). "It also produces capable, trained volunteer communicators in systems of emergency telecommunications that are impervious to disasters of all sorts," Haynie said. "These volunteers are ready to respond--and do respond immediately--when all other systems of communications fail, including public safety communications when they're overloaded, destroyed or lack interoperability."

Among other examples, Haynie pointed out how Amateur Radio operators answered the call on September 11, 2001, in New York City, at the Pentagon and at the Western Pennsylvania crash site of the fourth hijacked airliner. Hams also assisted federal authorities in the debris search following the February 1 shuttle Columbia disaster, Haynie pointed out, and aided in the response to tomadoes in the Midwest and South earlier this year.

Haynie told the subcommittee that hams have lost more than 100 MHz of VHF and UHF spectrum over the past 15 years and that another nearly 360 MHz of VHF and UHF spectrum "has been substantially compromised." Haynie said hams have shared spectrum successfully with government users on VHF and UHF and have been able to "make do with less," but "that concept has reached a breaking point with our service," he added. The 2.4 GHz area, once left largely to amateurs, in recent years has become "polluted" with wireless activity, Haynie told the panel.

"Interoperability" was the watchword of the day at the subcommittee hearing, which got under way at 11 AM EDT and continued well into the afternoon. Several witnesses testified that a lack of interoperability among public safety responders at disaster scenes--including the World

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)

Trade Center--prevented warning those in danger and resulted in a tragic loss of life.

Haynie was not alone in offering supportive words about Amateur Radio. HR 713 sponsor Michael Bilirakis (R-FL), quoted a paragraph from the submitted testimony of Norman Jacknis of the Westchester County, New York, Department of Information Technology. "In the first hours following the attack of September 11, 2001, the only way we could coordinate the sharing of firefighting, medical examiner, health, and information technology resources with New York City officials was through the highly trained, volunteer Amateur Radio (ham) operators," Jacknis said. "This irreplaceable resource must be protected from incursion by other interests."

One of the two amateur licensees in Congress, Rep Greg Walden, WB7OCE (R-OR)--a subcommittee member called for a halt to the "astonishing" erosion of amateur spectrum. "Time and again, if you find an emergency, you find a ham radio operator," Walden said.

FCC Office of Engineering and Technology Chief Edmond Thomas also cited the contribution of Amateur Radio operators to public safety. "The ham radio community has offered invaluable service to first responders during emergency situations," the OET chief said.

A Senate version of the Amateur

Radio Spectrum Protection Act, S 537, was introduced earlier this year by Sen Michael Crapo (R-ID). The Senate bill is being considered by the Commerce, Science and Transportation Committee, but no hearing on the measure has been set. The text of HR 713 and S 537 is available via the Thomas Web site <<http://thomas.loc.gov/>>.

Courtesy The ARRL Newsletter

ARRL Emergency Communications course registration

Registration is closed for the Level II ARRL Amateur Radio Emergency Communications on-line course (EC-002) that begins June 24 and is sponsored by United Technologies Corporation. Registration opens Monday, June 16, 12:01 AM Eastern Daylight Time (0401 UTC), for the Level III Emergency Communications on-line course (EC-003). Registration remains open through the June 21-22 weekend or until all available seats have been filled--whichever comes first. Class begins Tuesday, July 1. Thanks to a grant from United Technologies Corp, the \$45 registration fee paid upon enrollment will be reimbursed after successful completion of the Level III course. During this registration period, approximately 50 seats are being offered to ARRL members on a first-come, first-served basis. For more information, contact Emergency Communications Course Manager Dan Miller, K3UFG, dmiller@arrl.org; 860-

594-0340.

Courtesy The ARRL Newsletter

NorCal, NJQRP merge to form American QRP Club

The NorCal QRP Club and the New Jersey QRP Club have joined forces, effective June 4, to form The American QRP Club. A larger, more comprehensive single journal, The Homebrewer, will replace QRPP and QRP Homebrewer. The new club already has begun to consolidate kitting operations as well, and a new Web site <<http://www.a-qrp.org>> is in the offing. Continuing will be the two QRP forums, Atlanticon and Pacificon, and the NJQRP and NorCal will continue to plan and execute their respective forums, funded via the American QRP Club. Detailed information is available on the American QRP Club's temporary Web site <<http://www.njqrp.org/a-qrp/index.html>>.

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 Kempisty, N3GNW

2003 Contest Calendar

Month	Contest
July	12 - 13 IARU HF World Championships
August	2 - 3 ARRL UHF Contest 16 - 17 ARRL 10 GHz and Up Contest
September	13 - 15 ARRL September VHF QSO Party 20 - 21 ARRL 10 GHz and Up Contest



ATLANTIC DIVISION HAMFESTS - 2003

➤ + *indicates ARRL Hamfest*

- 4 Jul 2003 + Harrisburg Radio Amateurs Club Harrisburg (Bressler), PA
<http://hrac.tripod.com>
- 6 Jul 2003 + Murgas ARC Wilkes-Barre (Dallas), PA
<http://www.qsl.net/k3ytl>
- 13 Jul 2003 + Mid-Atlantic ARC Kimberton, PA
<http://www.marc-radio.org/hamfest.html>
- 19 Jul 2003 + Jonestown Mountain Repeater Association Salem Township, PA
<http://members.aol.com/jmrahamclub/>
- 27 Jul 2003 + Baltimore Radio Amateur TV Society (BRATS) Timonium, MD
<http://www.bratsatv.org>

CONVENTIONS and CONFERENCES

- 6-7 Sep 2003 * Maryland/DC Section Convention
Foundation for Amateur Radio & Columbia ARA West Friendship, MD

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 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
220	
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.

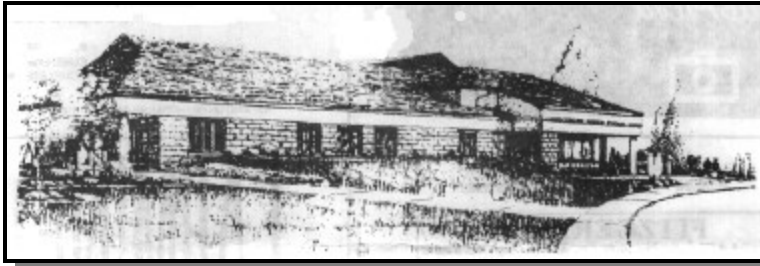
2003 Officers

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	Doug Crompton	WA3DSP	431-6307
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
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

**Address Service Requested. If
Undeliverable, Return to Sender.**