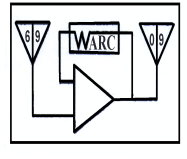




# FEEDBACK



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

May 2003

## Next Meeting May 1st - Bob Lees, Montco RACES

### President's Message



If its May, it can only mean one thing... the Warminster Amateur Radio Club's annual hamfest on Sunday May 4th at the Grange Fairgrounds in Wrightstown, Pennsylvania. This is our most important event. The proceeds from it provide the majority of our operating expenses for the year. To continue to make the Warminster ARC hamfest one of the best in the area and to keep the club operating your help is needed for either set-up on May 3rd, during the Hamfest on May 4th or with clean up following it. Even if you can only devote a couple of hours, that would be very much appreciated. Jobs vary from handling vendor check-ins, vendor parking (always a great way to see what they're planning to sell) and buyer parking. We also have a club table to oversee as well as a VE session, so not all jobs require you to walk around a lot. Contact Bill Strunk K3ZMA at (215) 822-0749, k3zma@k3dn.org or at the next meeting to sign up.

The May meeting also brings us elections for President, Vice-President, Secretary and Treasurer. So do not forget to vote by either mailing in your ballot or by bringing it to the meeting. Nominations from the floor will also be accepted or if you are interested in one of these positions you can contact Mike Patton W3MJP who is chairing the Nominations Committee. As per the Club's constitution and by-laws you do have to be a regular member in good standing to hold office.

### May Special Events

Louisville, KY: Amateur Radio Transmitting Society, W4CN. 1100Z-1600Z May 3. Run For The Roses, the 129th Kentucky Derby. 7.200. Certificate. Shelby Summerville, K4WW, 6506 Lantana Ct, Louisville, KY 40229.

Richmond, KY: Eastern Amateur Radio Society, KE4YVD. 1600Z-2200Z May 3. At Fort Boonesborough--Discovery of Kentucky by Daniel Boone. 14.245 14.235 7.245 7.235. QSL. Eastern Amateur Radio Society, 156 Norton Dr, Richmond, KY 40475.

Richmond, RI: Pawtuxet Valley Amateur Radio Club, WA1USA. 1300Z-2100Z May 3. Scout Spring Camporee and Disaster Drill. 28.425 14.310 7.240. QSL. Ken Carr, KB1AWV, 19 Centennial St, Coventry, RI 02816.

Washington, DC: Federal Bureau of Investigation ARA, K3FBI. 1300Z-2200Z May 10. Honoring National Police Week and the National Law Enforcement Memorial. 28.480 21.280 14.280 7.280. Certificate. Jay Chamberlain, AE4MK, 27 Fox Run Ln, Fredericksburg, VA 22405.

Springfield, MO: Southwest Missouri Amateur Radio Club, K0S. 1500Z May 10-2400Z May 11. Kurt Sterba Strange Antenna Challenge. 28.500. Certificate. SMARC, c/o K0S, PO Box 11363, Springfield, MO 65808. <http://www.leafwerks.net/n0ew/StrangeAntennas/k0s.html>.

Dayton, OH: Centerville Amateur Radio Society, K2BSA. 1700Z May 16-1300Z May 18. Scouting's Celebration of 100 Years of Flight Camporee. 28.390 21.360 14.290 7.260. QSL. David G. Reichard, 9078 Mandel Dr, Centerville, OH 45458.

Dayton, OH: Dayton Amateur Radio Association, W8BI. 1300Z May 16-1700Z May 18. Dayton Hamvention Celebrating show no. 52 in 2003. 147.55 28.670 14.270 7.270. QSL. DARA W8BI, PO Box 44, Dayton, OH 45401.

Wheaton, IL: DuPage Amateur Radio Club, W9DUP. 1600Z-2300Z May 17. Commemorating Armed Forces Day. 145.25/144.65 28.400 14.290 7.250. Certificate. Robert B. Beatty, DuPage ARC, PO Box 71, Clarendon Hills, IL 60514.

Caldwell, NJ: West Essex Amateur Radio Club, W2EF. 1400Z-1900Z May 24. Operating from President Grover Cleveland's birthplace. 28.350 21.330 14.250 7.250. Certificate. West Essex ARC, PO Box 54, Essex Falls, NJ 07021.

Fort Wayne, IN: Fort Wayne Radio Club, May 24-May 26. Memorial Day. Robert E. Hilton, N9SJV, 5809 Heatherview, Fort Wayne, IN 46818.

Monroe, LA: Twin City Ham Club, W5EA. 1300Z-2200Z May 24. Memorial Day at the Avation Historical Museum of Louisiana. 28.400 21.350 14.250. QSL. Twin City Ham Club, PO Box 1871, West Monroe, LA 71291. <http://www.aresnela.org/specialevent.htm>.

San Antonio, TX: Alamo DX Amigos, W5BE. 0000Z May 24-2400Z May 25. 29th Anniversary of the Alamo DX Amigos ARC. 50.150 28.450 21.350 7.250. QSL. Don Hinte, KA5EYH, 12430 Cannonade, San Antonio, TX 78233. 5-band certificate available.

Belleville, MI: Yankee Air Force Museum, W8YAF. 1200Z-2000Z May 26. Observing Memorial Day at the Yankee Air Museum at Willow Run Airport. 7.270. Certificate. Frank A. Nagy, N8BIB, 24315 Waltz Rd, New Boston, MI 48164-9167.

Fort Monmouth, NJ: Robert D. Grant United Labor Amateur Radio Association, N2UL. 1200Z-2400Z May 26. Labor remembers those who made the supreme sacrifice. 28.420 21.360 14.260. Certificate. RDGULARA, c/o WA2VJA, 112 Prospect St, Nutley, NJ 07110-0716.

Windsor Locks, CT: BEARS of Manchester, W2N. 1300Z-1900Z May 31. Dedicating the 58th Bomb Wing Hanger at the NE Air Museum. 21.362 14.262 14.0 52 7.052. QSL. Jonathan H. Allen, 33 Dogwood La, Ellington, CT 06029.

Courtesy The ARRL Newsletter

Once again, I hope to see you all at the May meeting.

Mark Kempisty - N3GNW  
 President  
 Warminster Amateur Radio Club  
[www.k3dn.org](http://www.k3dn.org)

*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.*



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(Continued from page 1)

**Minutes of Warminster ARC  
April 3, 2003  
Dave, AA3UR, Secretary**

Mark, N3GNW, called the meeting to order. Visitors present were, KB3IFN, N3KN, and AA3YP. The minutes were approved as published in the last *Feedback*. The Hamfest is coming up. This is the lifeblood of the club please help. This may be the last year that we have Hamfest Buttons. There will be many public service opportunities in near future including the PERT Pennypack Watershed Cleanup this Saturday. Nominations for officers will be taken by Mike Schwartzkopf and Tom Ledu. Let either of them know if you want to be considered. The WARC Constitutional Review is continuing due to a surprising amount of detail work. A copy the proposed constitution can be provided if you would like to review it now. Field day will be coming up June 28 and 29, 2003. Mark's wife will be cooking and we are looking for band captains. See K2QBU, field day chairman.

Vice-President: Tony, N3YNH, missed the meeting due to his teaching schedule. Tonight's program is on QRP by Carter Cragie.

Treasurer: Vahan, KB3DHU, gave the Treasurer's report.

Secretary: Dave, AA3UR, had nothing to report.

Hamfest: Bill, K3KMA reported that we need a person to run the 50/50 this year. There will be buttons this year. The township and Grange fees were reduced again this year. The first parking will be open at 6:00 AM, so we need parking volunteers earlier than that.

The two-meter repeater has been intermittent. We will be getting a General Electric Master II repeater from an anonymous donor. We still plan to add a remote receiving site and voting and to re-use the Lynx mobile. The backup is running. The new repeater should be on the air by May. The 440-

repeater is OK. Will have the ability to add weather alerts using SAME local codes and possibly Amber alerts in the announcements. There is presently no crosslink from 2 meters to 440 MHz.

Public Service: George, N3HBT, listed the following activities:

Pennypack Clean-up April 5, 2003  
Warminster Memorial Day Parade:  
Greg, KB3HSB, will be in charge of this as part of his progression to Eagle Scout.

March of Dimes in April 27<sup>th</sup>  
Ambler Temple Campus and 7:30 AM Core Creek;

Hamfest in May  
Craven Hall May 17-18: See Eric Fleicher 225<sup>th</sup> anniversary of the Battle of Crooked Billet.

Hole in 1 Chamber of Commerce June 5<sup>th</sup>

American Cancer Society Relay for life June 13<sup>th</sup> Upper Moreland High School.

September and October Polish-American Festival  
Warm Day Event October

Membership: Bud, K3TPM, 106 inactive members, 101 active, 12 renewals.

Old Business: None

New Business:

We are officially out of the Adopt-a-Highway business.

Any material relating to the club that should be archived should be transferred to the club archivist, Fred.

Upcoming programs:  
May Montgomery County Races  
Bob Leigh  
June Homebrew and Pizza  
July Red Cross

The meeting was adjourned followed by refreshments, 50/50 drawing, and a stirring presentation

about QRP by Carter Cragie.

David Porter AA3UR  
Secretary

**Meeting Info – Tony Simek, VP**

June - Pizza Social/Homebrew Night

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

**May 4, 2003, our 29<sup>th</sup> Annual Hamfest**

Below is a list of the members in charge of the major jobs at our next WARC Hamfest 2003 on May 4<sup>th</sup>. 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

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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**

Revolutionary war reenactment at the old NADC property on Saturday and Sunday May 17 and 18. We will need at least 12 operators for this new event.

Thursday, June 5 we will need 10 operators to staff the Warminster chamber of commerce hole-in-one golf outing at the 5 ponds golf course. A hot meal will be provided after the event.

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

Warminster Memorial Day Parade: Greg, KB3HSB, will be in charge of this as part of his progression to Eagle

Scout.

Volunteers wanted June 13<sup>th</sup> 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

### **Skywarn Training**

Bucks-Mont Training  
BASIC SKYWARN WEATHER SPOTTER EDUCATION

THURSDAY, MAY 15, 2003  
19:15 HOURS

Warminster Volunteer Ambulance Corps HQ

Sponsored By The Bucks County, Pennsylvania SKYWARN Team  
5555 Evergreen Avenue  
Warminster, Bucks County, Pennsylvania 18974

Located behind the Drug Emporium drug store on the southeast corner of York Road(Route 263) & Street Road (Route 132)

Latitude: N40\* 12.206'  
Longitude: W75\* 5.954'

GPS Coordinates:  
TALK-IN 147.000 MHz  
(131.8Hz)  
CELLULAR TELEPHONE  
215-783-3251  
URL: www.voicenet.com/  
~ikemay/SKYWARN.html  
e-mail: w3mjp@arrl.net  
PLEASE BE PROMPT!

### **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.

### **April 2003 QST STRAYS** **QST congratulates...**

Burt Ludin, N3YVH, of Hatboro, Pennsylvania, who was named GMAC Mortgage Volunteer of the Month for December for his long-term dedicated community service in the greater Philadelphia area. Among his many volunteer activities, Burt is an active member of the Warminster Amateur Radio Club.

### **SOLAR UPDATE**

(Continued on page 4)

(Continued from page 3)

Propagation maven Carl Luetzelschwab, K9LA, is filling in for vacationing Tad "Hoppin' Down the Bunny Trail" Cook, K7RA: Geophysical activity during the period ran the full gamut--from quiet early in the period to some minor-to-major storminess later in the period. The minor-to-major storminess was caused by high-speed solar wind that was induced by a coronal hole.

Solar activity during the period was low to very low. The largest flare was a C7 event Friday, April 11.

For the next several days, geophysical activity is forecast to decrease to unsettled conditions. Thus propagation should generally improve as the Easter weekend approaches. Additionally, solar activity is forecast to be low for the next several days, so flares shouldn't cause any problems.

Your reporter noted many 6-meter spots posted early in the week. This is a reminder that the summer Es (sporadic E) season is underway, and Es can provide a link to transequatorial propagation (TEP) for stateside stations.

Sunspot numbers for April 10 through 16 were 66, 49, 60, 61, 63, 54 and 40, with a mean of 56.1. The 10.7-cm flux was 103.7, 102.6, 102.1, 102.4, 102, 100.5 and 98.5 with a mean of 101.7. Estimated planetary A indices were 26, 14, 7, 10, 16, 22 and 31, with a mean of 18.

*Courtesy The ARRL Newsletter*

### **"ENHANCED SSB" BANDWIDTHS "EXTREMELY INCONSIDERATE," FCC SAYS**

The FCC has sent advisory notices to four enthusiasts of what's become known as "enhanced SSB"--the practice of engineering transmitted single-sideband audio to approach broadcast quality. Letters went out earlier this month to amateurs in

Illinois, Florida and New Jersey who are aficionados of enhanced SSB, also known as "upper wideband" and "lower wideband."

"The Commission has received numerous complaints regarding the operation of your station," FCC Special Counsel Riley Hollingsworth wrote Paul Christensen, W9AC, John Anning, NU9N, Anthony Latin, W4NSG, and Sareno Salerno, W2ONV, on April 3. Hollingsworth said complaints to the FCC alleged that the bandwidths of the stations' enhanced SSB emissions were "wider than necessary and contrary to good engineering practice."

"Wideband overly-processed audio, especially when coupled with the high intermodulation levels of certain amplifiers, results in the use of bandwidths extremely inconsiderate of other operators," Hollingsworth said. Such transmissions may violate FCC rules and may be at odds with what Hollingsworth described as "the expectation that the Amateur Service be largely self-regulated."

Occupying more bandwidth than necessary in a heavily used amateur band, Hollingsworth wrote, not only could generate ill will among operators but lead to petitions asking the FCC to establish bandwidth limits for amateur emissions. At present, the FCC imposes no specific bandwidth limits on various amateur modes.

Hollingsworth cited §97.307(a) of the Amateur Service rules that requires the signal of an amateur station not occupy "more bandwidth than necessary for the information rate and emission type being transmitted, in accordance with good amateur practice." Some amateurs have complained that enhanced SSB signals can take up 8 kHz or more of spectrum, cause splatter and unnecessarily interfere with other stations.

"The Amateur Service is not a substitute for the Broadcast Service,"

Hollingsworth said, "and the frequencies allocated to the Amateur Service were not allocated for a 'broadcast quality' audio emission or sound." Hollingsworth suggested the enhanced SSBers operate when the bands are less busy or on bands that are not heavily used.

The many complaints the FCC has been getting--20 or so per week--leads to the conclusion that the stations' enhanced SSB operation is having "a negative impact" on the Amateur Service, Hollingsworth said. He requested that the four amateurs "fully review the rules" and make sure their stations conform to them.

*Courtesy The ARRL Newsletter*

### **HAM RADIO "CC&R BILL" REINTRODUCED IN CONGRESS**

Another Congressional attempt is under way to provide relief to amateurs prevented by private deed covenants, conditions and restrictions (CC&Rs) from installing outdoor antennas. Rep Steve Israel (D-NY) has again introduced the "Amateur Radio Emergency Communications Consistency Act" into the current session of Congress. The measure, designated HR 1478, would require private land-use regulators such as homeowners' associations to "reasonably accommodate" Amateur Radio antennas consistent with the PRB-1 limited federal preemption. PRB-1 now applies only to states and municipalities.

### **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)

In remarks introducing HR 1478, Israel said passage of his bill not only would assist Amateur Radio operators but society as a whole. "Organized Amateur Radio operators--or "hams"--regularly provide emergency communication when regular communications channels are disrupted by disaster," Israel pointed out. The growth of developed communities has put a growing number of hams under an "array of inconsistent regulations," he said, that make it harder and harder--or altogether impossible--to erect the necessary antennas.

"Not allowing hams the equipment they need could restrict communication to the local community in similar situations in the future." Israel said his bill "seeks to ensure the continued viability of Amateur Radio through consistent application of federal regulations."

The one-sentence measure is identical to the text of the CC&R bill that was introduced in the last Congress: "For purposes of the Federal Communications Commission's regulation relating to station antenna structures in the Amateur Radio Service (47 CFR 97.15), any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."

HR 1478 has bipartisan support. Leading the list of 13 initial cosponsors for the measure are Reps Greg Walden, WB7OCE, (R-OR) and Mike Ross, WD5DVR, (D-AR)--believed to be the only Amateur Radio licensees in Congress. Joining

them are representatives Tammy Baldwin (D-WI), Roscoe Bartlett (R-MD), Marion Berry (D-AR), Rick Boucher (D-VA), Jo Ann Davis (R-VA), Ralph Hall (D-TX), Carolyn McCarthy (D-NY), Michael McNulty (D-NY), Dennis Moore (D-KS), Charles Taylor (R-NC) and Patrick Tiberi (R-OH).

ARRL President Jim Haynie, W5JBP, said he was happy to see the bill back before Congress. "Of course I am very pleased that Rep Israel has reintroduced the bill," Haynie said. "The League can do the mechanics, but it is now up to our members to write their elected representative and urge support and ask that they cosponsor and support the bill." Haynie noted that the League has recently ramped up its efforts to educate members of Congress about Amateur Radio, but he said lawmakers respond best to individual members.

HR 1478 has been assigned to the House Energy and Commerce Committee. Information about the bill and a sample letter to use when contacting your representative are available on the ARRL Web site <<http://www.arrl.org/govrelations/hr1478/>>.

*Courtesy The ARRL Newsletter*

**DXCC TO ACCEPT IRAQ PORTABLE OPERATIONS APPROVED BY COMMANDING OFFICERS**

ARRL Membership Services Manager Wayne Mills, N7NG, says the League will accept for DXCC credit YI/operations from Iraq by US or British military personnel provided the

operator has written permission from his or her commanding officer.

"There is precedent for this," Mills said, citing an operation during the 1991 Gulf War. "These operators will need written authorization to operate from their commanding officers until an interim Iraqi civilian government is in place," Mills said. After that point, operators would need documented permission from Iraqi authorities.

The Daily DX <<http://www.dailydx.com>> has reported that several hams with the US military in Iraq have been showing up on the air in recent days. Mark Smith, NG5L, has been active from near Nasiriya as YI/NG5L on SSB, usually around 0500 UTC near 14.195 MHz. He's also been spotted in Europe and North America on other 20-meter frequencies and at other times of the day. Smith is in Iraq with the 82nd Airborne Division.

Jim Dunkerton, YI/KT4CK, has been active on 15-meter SSB between 1430 and 1600 UTC. Dunkerton is believed to be with the 101st Airborne. Bob Furzer, 9K2ZZ/K4CY, reportedly has been on the air from Iraq as K4CY/p or K4CY/m. Other hams are known to be in Iraq but have not yet been reported on the air.

*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**

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



## ATLANTIC DIVISION HAMFESTS - 2003

➤ + *indicates ARRL Hamfest*

4 May 2003 + Warminster ARC Wrightstown (Bucks County), PA

<http://www.k3dn.org>

25 May 2003 + Maryland FM Association West Friendship, MD

15 Jun 2003 + Frederick ARC Frederick, MD

<http://www.qsl.net/k3erm>

4 Jul 2003 + Harrisburg Radio Amateurs Club Harrisburg (Bressler), PA

<http://hrac.tripod.com>

### CONVENTIONS and CONFERENCES

14 Jun 2003 \* Eastern Pennsylvania Section Convention

Columbia-Montour ARC Bloomsburg, PA

<http://www.qsl.net/cm-arc>

*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](mailto:altemus@drs-fsc-comm.com) or  
call: 215-855-3856, 6 to 10 pm Ask for George

## Area Repeaters

VHF	
145.310	R.F. Hill
145.350	Doylestown R.C.
145.250	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
<b>220</b>	
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
<b>6 Mtr</b>	
53.030	WA3BXW
53.230	N3DQZ
53.370	K3MFI
<b>1296</b>	
1294.000	K3PHL (-20 MHz split)
1295.000	K3PHL (-20 MHz split)

### Goddard ARC

#### Shuttle Rebroadcast Frequencies

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

### Metro-Link repeater network

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

## Net Schedules

Sunday	2100	10 Meter Net	28.440 MHz
Wednesday	2030	2 Meter Net	147.09 Rptr.
Wednesday	2030	Linked w/ 2 Meter Net	443.95 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Thursday	2000	Bucks Cnty RACES Net	145.35 Rptr.
Thursday	1900	Mont. Cnty RACES Net	146.235 Rptr.



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

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

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

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

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

The annual dues rate structure is as follows:

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

- Are your dues current ?
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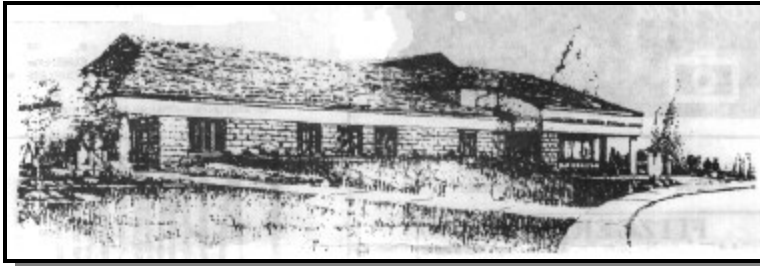
**2003 Officers**

**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

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