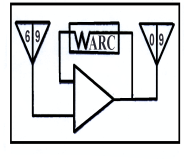




# FEEDBACK



Warminster Amateur Radio Club

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

August 2002

## Next Meeting August 1st - DXing Tips

### President's Message



I hope all of you are having a safe and enjoyable summer and are delighting our wonderfully hot weather. I would like to take a moment to thank Doc Morein KA3RAU for volunteering to help out Randy in the kitchen. Also, we still need a volunteer to take over organizing the door prizes and a few other items for our annual holiday dinner in December. Bill Strunk K3ZMA is also in his final year of hamfest chairmanship. We are looking for a hamfest co-chair to work with Bill, learn the ropes for the first year, handle the hamfest the next year and then train the next chairman the following year. Being that the hamfest is the club's financial life blood, this role is extremely important. If you would like to volunteer (and the more the merrier) for any of these positions, please see any of the Board members. The Amateur Radio Coordinating Council -- our area repeater coordinator -- has requested that all repeaters it coordinates go to full time access control which is usually implemented by PL. Our 440 repeater has been under full-time PL since it was placed in service. However, our two meter repeater was grandfathered into not requiring it since it was in place before the ARCC came into existence. Due to the amount of interference, the entire region has been receiving, the ARCC has decided that requiring access control is in the best interests of all repeater operators. Therefore, the WARC Board has decided to follow suit on 147.090 by January of next year. We were planning to do so at the end of the year, but over the past few weeks we have been experiencing a significant amount of interference from band

#### August Special Events

**Wingdale, NY:** Steve Jacobson Memorial ARA, Inc. N2SJ. 1600Z-2100Z **July 14.** Dedication of the N2SJ Memorial Station at Camp Ramah. General frequencies. Certificate. Bernard Umlas, N2NVU, 50 W 34th St Apt 3A12, New York, NY 10001, <http://www.ramahberkshires.org/programs/hamradio>.

**Plainfield, IL:** Plainfield Radio League, K9P. 2300Z **Jul 19-2200Z Jul 20.** Plainfield Fest. 146.715 50.200 28.450 14.250. Certificate. Plainfield Radio League, PO Box 682, Plainfield, IL 60544-0682. or [ww9ae@yahoo.com](mailto:ww9ae@yahoo.com).

**Portland, OR:** Idaho-Oregon DX Group, W7P. 0001Z **Jul 19-2359Z Jul 21.** Museum Ships Event, Sternwheel Tug Portland. 28.360 21.360 14.260 7.260. QSL. Vince Van Der Hyde, Box 12941, Salem, OR 97309.

**Government Island, MI:** Yooper RV Amateur Radio Group, WD8OEY. 2100-2400Z **Jul 31-2200-2400Z Aug 1.** Les Cheneaux Islands #MI067L. 7/31 14.260 8/1 7.260. QSL. R. L. Mann, 5220 Clark Rd, Bath, MI 48808. [mannwd8oev@juno.com](mailto:mannwd8oev@juno.com).

**Middleburg Heights, OH:** Young Ladies' Radio League, W8WRJ. 1800Z **Aug 1-1800Z Aug 4.** 15th YLRL Convention and Ohio Bicentennial. 14.288 7.133. Certificate. May Tomazic, N8MZJ, 3103 Washington Blvd, Cleveland Heights, OH 44118.

**Grand Haven, MI:** North Ottawa Amateur Radio Club, W8CSO. 1500Z **Aug 2-1600Z Aug 3.** Celebrating The Coast Guard Festival. 14.240 7.240. QSL. North Ottawa ARC, Box 44, Ferrysburg, MI 49409.

**Canton, OH:** Canton Amateur Radio Club, W8AL. 1400Z **Aug 2-2400Z Aug 4.** Annual Pro Football Hall of Fame Festival. 28.365 21.365 14.264 7.265. Certificate. Donald E. Perry, WQ8J, 968 Culverne Ave NW, Massillon, OH 44647.

**Harman, WV:** West Virginia Wesleyan College ARC, W8LD. 1600Z-2400Z **Aug 3.** Honoring the late Bill Hallam. Amateur Radio Pioneer. 28.330 21.330 14.330. Certificate. WV Wesleyan College ARC, PO Box 65, Buckhannon, WV 26201.

Courtesy The ARRL Newsletter

### GET THE FEEDBACK ELECTRONICALLY AND SAVE THE CLUB MONEY!

The current costs of mailing a Feedback including the recent postage increase is \$8.04/year/member. That's \$804/year of savings if 100 members elected to receive Feedback electronically. See Bud, K3TPM to remove you from the mailing list. You can then access the Feedback from the WARC website.

openings and have had the two meter repeater in PL almost full time. Normally the repeater is in PL from midnight to 6:00 AM. Within the next month or so this will change to 24-hour PL mode with the repeater only occasionally being out of it for special events like the hamfest. The club will be happy to provide technical assistance to any regular user of the repeater to get PL configured on their radio. The repeater's PL frequency is 131.8 Hz which is the standard one for the area. Going to full-time PL access does not mean we are closing our repeater to non club members. We are instead following good repeater practice by minimizing the chance of interference from outside our region

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*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)

and thereby increasing the enjoyment of the repeater. Listen to the repeater's announcements, when it starts announcing the PL frequency is when you will need to turn your radio's PL on. Thank you for your patience in this matter.

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

73's

Mark Kempisty - N3GNW

President

Warminster Amateur Radio Club

### **Minutes of Warminster ARC July 11, 2002 Dave, AA3UR, Secretary**

The meeting was called to order by the Vice-President, Tony, N3YNH. Joe Tryon of Hatboro Federal Bank and President of the Hatboro Chamber of Commerce told us of his need for volunteers for helping with parking cars July 27<sup>th</sup> 2:00 PM to 5:00 PM.

Volunteers will meet behind the Bank at 2:00 PM to be assigned. A sign-up sheet was passed around. Anyone wanting to participate see George, N3HBT and include your T-shirt size, as all volunteers will get a T-shirt commemorating the 10<sup>th</sup> Hatboro Car Show.

Two guests were present: Don, W3DON, from Horsham and the RF Hill Club, and Frank, KL7RR from 40 minutes South of Anchorage, AK (40 minutes by air.)

The next executive meeting will include the audit and budget meeting. All interested parties should be there on July 18<sup>th</sup>.

The nominating committee came up with three names for appointed directors:

Norm, W3IZ

Burt, N3YVH

Hugh, N3SOQ

Additionally, we need a volunteer for the Pennsylvania QSO Party

coordinator. We are still looking for a volunteer to handle the refreshments at each meeting. We are looking for a coordinator for the Holiday Dinner. We are also looking for a co-chair for next year's Hamfest.

The minutes as published in last month's *Feedback* were approved.

The programs for the upcoming meetings are:

DXing Tips

First Aid

Vahan KB3DHU gave the treasurer's report.

Dave, AA3UR, had nothing to report from the Secretary.

The Field Day report was tabled until Stu is present. A round of applause was given to all those who participated.

Hugh, W3SOQ gave tentative dates for Adopt-a-Highway clean up. They are August 18<sup>th</sup>, September 15<sup>th</sup>, and October 20<sup>th</sup>.

George, N3HBT reported on the repeater: The new tower is dead. AT&T backed out of the project, and no other taker is there. The 440 repeater is not linked to the 2 meter repeater until work is finished on a new antenna and feed. The 2-meter machine will be in permanent PL as of August 1, 2002 due to interference. Help is available to those who have trouble configuring their radios for this.

The Grange Fair will be brought up in the August meeting. We will need volunteers.

No Code Technician classes will begin September 9, 2002 at 7:30 PM. A Technical night will be held September 17, 2002. CW Morse Code classes will also be held in September, times to be announced.

Bud K3TPM reported that there are many badges to be picked up by members. See him if you are missing your badge.

New Business:

Looking for an Elmer for Mike KE7YE.

The meeting was adjourned followed by refreshments, the 50/50 raffle, and the night's program on PSK-31 and ATV.

David Porter AA3UR

Secretary

### **NOTE FROM OUR HAMFEST CHAIRMAN**

Because of a schedule conflict caused by moving WARC's meeting to July 11th, I was unable to make it to the business portion of the meeting. The following is time sensitive info which I wish all WARC members to be aware.

Every year about this time we apply to the ARRL for sanctioning as an official League hamfest and to reserve our usual May date. The form is currently ready to be sent but in need of a person willing to be the Contact Person on the form. This is line with my earlier request for help to reduce my Spring '03 workload because I have other things going on then and this past year it was just to much to do by myself. The Contact Person would have to be willing to answer phone questions about the Hamfest, such as location, directions, fees, dates, times, etc. Last year I was able to send quite a few of these calls to the web site to answer their questions, and some I simply mailed a Hamfest flyer. It would be appropriate if the Contact Person was also a regular user of the repeater, since some info requests came in thru that channel also (and the Hamfest generates funds to support the repeater!). In any case,

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a name and phone number is needed SOON, so the ARRL form can be mailed. Thanks.

On another Hamfest front, the board decided last year that it made economic sense to send out printed Hamfest postcards (as some other clubs do) instead of our traditional flyer, especially now that 1st class postage has gone up. The mailing of flyers is one of our bigger Hamfest expenses and was reduced considerably last year by Tony (N3YNH) Simek's cleaning of the database. Postage is 35% cheaper if we can send a postcard this year! SO I am looking for help in this area also! Please contact me if you have any expertise in the area of printing, know any relatives or neighbors that are printers, or have any other contacts in the printing business or can recommend a printer who you have worked with in the past. With declining Hamfest attendance because of the economy, internet, less homebrewing, etc. it is to WARC's advantage to reduce Hamfest costs as much as possible. Thanks.

I am also looking for someone to help update artwork of the table layout used at the Hamfest which appeared on the reverse side of the Hamfest flyer in past years. If you have software for mechanical drawings or electronic artwork generation I have a JPEG file that I can forward to you for revision. This year it will be posted on the website in lieu of appearing on the postcard flyer. Over the years the numbering scheme that currently appears has been revised but the drawing has not. Thanks.

Bill K3ZMA, k3zma@k3dn.org, phone 215-822-0749

## 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.

## WEB SITES OF INTEREST

The following were contributed by a club member. If you have sites you think might be of interest to members, let me know. (*The Editor*)

www.qrz.com  
www.arnewline.org  
www.radioage.com

## Delaware Valley Radio Association, W2ZQ Hamfest

Rain or Shine  
Date: September 28<sup>th</sup>, 2002  
Location: NJ National Guard Armory, Eggerts Crossing Road, Lawrenceville, New Jersey  
Time: Vendor Load In 0600-0800, General Admission 0800-1400  
Fees: General Admission Per Person \$6.00  
Under 12 years old-free  
Tailgate Vendor \$10.00 (Includes 1 admission)  
Indoor Vendor \$15.00 (Includes 1 admission)  
Indoor Vendor Wall (electricity) \$20.00 (Includes 1 admission)

Extra Table \$10.00

For More Information: Glenn Costello, N2RPM, abbott0903@aol.com, (609) 882-2240, www.w2zq.com  
Talk In: 146.67 (-) 131.8

## SOLAR UPDATE

Solar wonk Tad "Sunrise, Sunset" Cook, K7VVV, Seattle, Washington, reports: A huge sunspot has crossed the Earth-facing side of the sun this week. Sunspot 30 brought a nice short-term rise in the sunspot count and solar flux, but it also caused geomagnetic instability--and there's more to come.

Sunspot 30 first peeked around the eastern limb of the visible solar disk about 10 days ago and was directly facing Earth around July 16. The sunspot number peaked at 209 on July 15, and on the same day the Penticton Observatory read a solar flux value of 323.6--clearly an off-the-scale anomaly. NOAA produced an adjusted value of 160 for the day, which is the official solar flux number.

A full-halo coronal mass ejection blasted away from the sun on Tuesday, which caused unsettled to active conditions on Wednesday. On Thursday there was a solar flare at 0745 UTC.

Average daily sunspot count for the week was up more than 16 points compared to the previous week's numbers, and the average solar flux rose by nearly 16 points. Without the downward adjustment of the flux value on July 15, the average for the week would have risen by nearly 40 points.

For the next few days the estimated planetary A index is expected to rise--to 20 on Friday, then 15 on Saturday and back to around 20 on Sunday. Solar flux is expected to rise from 185 on Friday and

(Continued on page 4)

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Saturday to 190 on Sunday, then 195 on Monday and Tuesday.

Sunspot numbers for July 11 through 17 were 99, 93, 141, 152, 209, 182 and 179, with a mean of 150.7. The 10.7-cm flux was 136.4, 133.2, 134.9, 143.8, 160, 171.5, and 180, with a mean of 151.4. Estimated planetary A indices were 9, 20, 8, 6, 8, 11, and 18, with a mean of 11.4.

*Courtesy The ARRL Newsletter*

## **ARRL RECEIVES HOMELAND SECURITY TRAINING GRANT**

The ARRL will receive a \$181,900 homeland security grant from the US government to train Amateur Radio operators in emergency communication. The League was among several dozen nonprofit organizations designated to receive some \$10.3 million in federal money to boost homeland defense volunteer programs. The grant, from the Corporation for National and Community Service special volunteer program, will provide free ARRL Amateur Radio Emergency Communications Course training to 5200 volunteers nationwide, starting in 2003.

"ARRL is the national association for Amateur Radio and is the national leader in emergency communications by volunteers who operate their own equipment on their time at no cost to any government, organization, or corporation," said the July 19 announcement from Homeland Security Director Tom Ridge. The ARRL plans to revise and update the emergency communications curriculum to incorporate additional elements of emergency preparedness and homeland security.

ARRL President Jim Haynie, W5JBP, said he was extremely pleased by the news. "This adds legitimacy to the public service work Amateur Radio has

been doing for years," he said.

ARRL Chief Development Officer Mary Hobart, K1MMH, applied for the funding in May, inviting the Corporation for National and Community Service to become "a partner with the nation's oldest volunteer radio communications organization."

"I think this is an extraordinarily exciting day for Amateur Radio that the role of Amateur Radio in homeland security is recognized at the highest levels of government," Hobart said upon learning of the grant. The League's grant application characterized Amateur Radio as "the bedrock of communications when other outlets fail."

Citing Amateur Radio's response in the aftermath of the September 11 terrorist attacks, Hobart said the federal grant "will help continue our work in providing public service and to protect lives, homes, businesses and our frequencies, as we have for decades."

The League had sought a three-year grant of \$541,750. The \$181,900 grant covers the first year's direct program costs. The proposed budget includes the cost of a project coordinator who would be responsible for overall fiscal management of the grant.

ARRL Chief Executive Officer David Sumner, K1ZZ, said he was pleased that the League would be able to extend its Amateur Radio Emergency Communications program to thousands of amateurs who might otherwise not be able to afford the program. "We hope all who are interested will get on board," he said.

The grant announcement said that "expanding the opportunities for Americans to participate in meaningful volunteer service" is at the heart of President George Bush's USA Freedom Corps, of which the Corporation for National and Community Service is a part.

"We are deeply grateful to Tom Ridge and to the Corporation for National and Community Service for providing Amateur Radio with a unique opportunity to serve our country," Hobart said.

In June, the ARRL and United Technologies Corporation announced a partnership to provide free ARRL Amateur Radio Emergency Communications Course training for up to 250 Connecticut amateurs.

*Courtesy The ARRL Newsletter*

## **ARRL COMMENTS ON FCC SPECTRUM POLICY**

The ARRL has told the FCC that marketplace forces should not determine Amateur Radio spectrum allocations and that interference management is a technical, not an economic, issue. Those opinions and others came this week in response to a call in early June from the FCC Spectrum Policy Task Force for comments on various issues related to FCC spectrum policy.

"The value to the public of a vital, growing Amateur Radio Service, while perhaps only indirectly measurable in market terms, cannot translate to a marketplace ability to pay for spectrum, no

### **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)

matter what the mechanism," the League asserted. "The non-pecuniary character of Amateur Radio makes it uniquely unsuitable for market-oriented allocation processes." Such a policy, the ARRL said, would "preclude Amateur Radio communications."

The ARRL compared Amateur Radio spectrum to a public park or right-of-way. "Given the wide availability of Amateur Radio to the general public and its value as an educational and public service resource, the concept fits well," the League said.

The ARRL said that "economic balancing" among parties is not the proper mechanism to resolve interference issues. From an Amateur Radio perspective, the League said, "any economic model for interference resolution would effectively place it and other non-commercial services at the mercy of any commercial device manufacturer or industry group." Many interference issues are dealt with using technical solutions that accommodate both parties, the ARRL said, while an economic model presumes a preference for one service over another.

The ARRL again took advantage of the comment opportunity to reiterate its views on the deployment of unlicensed devices under Part 15 rules. Petitioners seeking authorization for new devices or technology that impacts licensed users should "have the burden of

demonstrating the current state of use of the band by its own technical calculations or measurements in certain types of environments," the ARRL said. "As to spectrum congestion, that is perhaps the area about which the Commission has the least information and about which it should have the most."

Noting its participation in a noise study that will contribute to a better understanding about ambient noise, the ARRL said the FCC should require proponents of new devices or technology to provide "studies of individual and aggregate interference potential and effect on ambient noise."

The League also restated its view that unlicensed devices cannot be authorized unless the FCC determines that the devices "do not have a significant interference potential to licensed services." The ARRL said the FCC "has pushed the Part 15 concept beyond the point that it works; no unlicensed device should be permitted to substitute for licensed fixed or mobile radio services."

Petitioners also should provide technical sharing studies every time they propose a new allocation or file a petition for a new unlicensed service, the ARRL said. The League's comments reiterated the goal of the Amateur Radio Spectrum Protection Act <<http://www.arrl.org/govrelations/arspa.html>> now in Congress as HR 817 and S 549. The measure would

provide equivalent replacement spectrum for the Amateur Service just as it typically does for users displaced as a result of spectrum auctions.

The full text of the ARRL's comments in this proceeding is available on the ARRL Web site <<http://www.arrl.org/announce/regulatory/et02-135/index.html>>.

*Courtesy The ARRL Newsletter*

**DAYTON HAMVENTION**

Dayton Hamvention attendance dips again in 2002: Dayton Hamvention reports that attendance for this year's 50th anniversary event was 24,832--down about 5 percent from 2001's crowd of 26,151. The 2002 number marks the second year in a row that Hamvention attendance has dipped. Over the past five years, attendance numbers had climbed to 28,804 in 2000, the year of the ARRL National Convention at Dayton. Hamvention attendance peaked in 1993 at 33,669--before the event date changed from April to May.

*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

**2002 Contest Calendar**

<u>Month</u>	<u>Contest</u>
<b>August</b>	03 - 04 ARRL UHF Contest
	17 - 18 ARRL 10 GHz and Up Contest
<b>September</b>	14 - 16 ARRL September VHF QSO Party
	21 - 22 ARRL 10 GHz and Up Contest
<b>October</b>	26 - 27 ARRL International EME Competition



## ATLANTIC DIVISION HAMFESTS - 2002

➤ + *indicates ARRL Hamfest*

11 Aug 2002 + Tri-State ARA Matamoras, PA [www.qsl.net/k3tsa/](http://www.qsl.net/k3tsa/)  
 11 Aug 2002 + Hilltop Transmitting Assn., York ARC, & Southern PA Communications Group Shrewsbury, PA [www.qsl.net/w6orz/hamfest02.htm](http://www.qsl.net/w6orz/hamfest02.htm)  
 25 Aug 2002 + Hanover Area Hamming Association Pleasant Hill, PA [www.qsl.net/haha](http://www.qsl.net/haha)  
 21 Sep 2002 + Delaware-Lehigh ARC Schnecksville, PA [www.dlarc.org](http://www.dlarc.org)  
 5 Oct 2002 + Red Rose Repeater Association Brownstown (Lancaster County), PA [www.qsl.net/rrra](http://www.qsl.net/rrra)

### CONVENTIONS and CONFERENCES

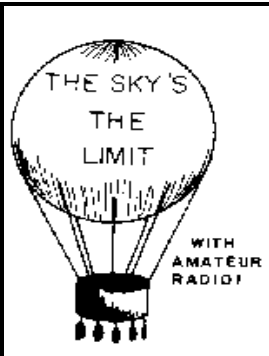
7-8 Sep 2002 Maryland-DC Section Convention  
 Columbia ARA & Foundation for Amateur Radio West Friendship, MD  
[www.fall-fest.com](http://www.fall-fest.com)

*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 2002 test fee is **\$10.00**.

- ◆ **Warminster Amateur Radio Club**, Monthly, Last Wed. 7:00 pm - Tom Michaud, WA3TQJ, 215-343-3494.
- ◆ **Bellmawr, NJ**, Monthly, 3rd Thursday - Bill Helmatag - 609-546-7710.
- ◆ **Levittown, PA**, Monthly, 1st Saturday - George LeNoir, WR3B, 215-943-4886.
- ◆ **Telford, PA**, Monthly, 3rd Monday - Joe Burgess, W3PNL, 215-723-6697.
- ◆ **Philadelphia, PA**, Monthly, 1st Thursday - 6:00 pm Philmont Mobile Radio Club at the Franklin Institute Dusty Rhoads, ND3Q, 215-482-0386



### The Warminster Amateur Radio Club Announces Free Ham Radio Instructional Classes

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, Morse code, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space shuttle.

We'll help you learn the theory and practices that make for a most enjoyable hobby. There's no telling just how far you'll go unless you make the first move and give yourself a chance to explore the world.

**Entry Level Classes, Sept. 9 7:30-9:00**  
**At The Benjamin Wilson Senior Center**  
**580 Delmont Avenue, Warminster, PA**

For info. [altemus@gac.usa.com](mailto:altemus@gac.usa.com) or call: 215-855-3856, 6 to 10 pm Ask for George

## Area Repeaters

VHF	
145.310	R.F. Hill
145.350	Doylestown R.C.
145.250	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	KA3WXV
447.475	WR3B
447.625	WE3E
448.225	Penn Wireless
<b>6 Mtr</b>	
53.030	WA3BXW
53.230	N3DQZ
53.370	K3MFI
<b>1296</b>	
1294.100	K3PHL (PL 127.3 as needed)

### Goddard ARC

#### Shuttle Rebroadcast Frequencies

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

### Metro-Link repeater network

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

## Net Schedules

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



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

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

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

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

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

The annual dues rate structure is as follows:

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

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

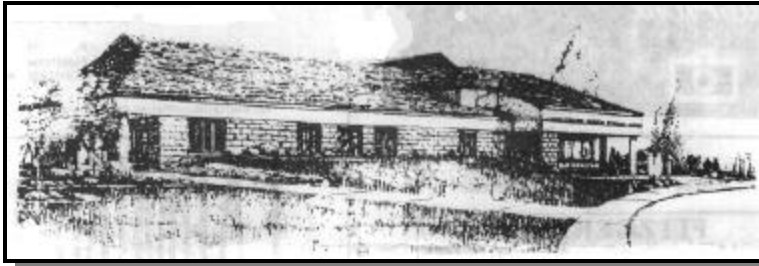
**2002 Officers**

Executive Officers

President	Mark Kempisty	N3GNW	953-1493
Vice-President	Tony Simek	N3YNH	674-5218
Secretary	Dave Porter	AA3UR	579-0597
Treasurer	Vahan Shahinian	KB3DHU	442-1243
Director (E)	Burt Ludin	N3YVH	441-4483
Director (E)	George Brechmann	N3HBT	443-5656
Director (A)	Al Konschak	WI3Z	491-9941
Director (A)	Hugh Hart	N3SOQ	773-8451
Past President	Rocky Pistilli	N3FKR	572-5330

Committee Chairpersons

Feedback Editor	Jim Elmore	WA4YWM	538-1889
Membership co-Chair	Bud Bechtel	K3TPM	659-9093
Membership co-Chair	Mark Hinkel	WA3QVU	6594449
Field Day '02	Doc Whitticar	W3GAD	968-0641
Field Day '02 co-chair	Stu Simon	K2QBU	345-9295
Grange Fair '02	Frank O'Neill	N3UQP	699-9549
Hamfest '02	Bill Strunk	K3ZMA	882-0749
January '02 VHF Contest	Joe Bagnick	N3EMA	997-2539
PA QSO Party '02	Marty Squicciarini	NR3Z	393-1492
Picnic '02	Mark Kempisty	N3GNW	953-1493
Adopt-A-Highway	Hugh Hart	N3SOQ	773-8451
Archives	Frank O'Neill	N3UQP	699-9549
Alumni Coordinator	Randy Gehman	N3LJE	822-9473
ARES Liaison	Mike Patton	W3MJP	491-9665
ARRL Liaison	Kristina Pistilli	KB3ECW	572-5330
Awards Mgr.	Vince Pironti	KD3TC	674-0446
Classes	George Altemus	KA3WXV	855-3856
DXpedition	Doc Whitticar	W3GAD	968-0641
Special Interest Groups	Ron Wenig	NY3J	638-9257
CW/QRP co-chair	Marty Squicciarini	NR3Z	393-1492
Digital/APRS co-chair	Ron Wenig	NY3J	638-9257
FM/Repeater co-chair	Mark Hinkel	WA3QVU	659-4449
HF co-chair	Dennis Shegda	N3KRE	657-7283
Satellite co-chair	Joe Bagnick	N3EMA	997-2539
VHF/UHF/MW co-chair	Al Sheppard	N3ITT	610-847-5490
Emergency Coordinator	Stu Simon	K2QBU	345-9295
Fundraising	Erik D'Onofrio	N3YNX	675-9165
Hamwear	Bob Wilderman	K3SRO	822-7474
Holiday Dinner co-chair	Berni Lindinger	N3RJD	343-5249
Holiday Dinner co-chair	Doug Mahoney	N3RJE	343-5249
Interference	Tom Michaud	WA3TQJ	343-3494
Net Manager	George Brechmann	N3HBT	443-5656
Notary Public	Whitey Metzger	AA3FT	947-0843
Publicity	Alan Ash	KA3YCG	357-9286
RACES Liaison	Bob Phillips	KA3VKU	766-0456
Refreshments	Randy Gehman	N3LJE	822-9473
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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Undeliverable, Return to Sender.**